SIX MONTHLY EC COMPLAINCE REPORT

FOR THE PERIOD OF

APRIL 2019 TO SEPTEMBER 2019

FOR

THE MANUFACTURE

OF

ETHYL CELLULOSE

BY

M/S Asha Cellulose (I) Pvt. Limited

Plot No. 303/2 & 302/P, Village: Abrama, Tehsil & District: Valsad, Gujarat

File No. J-11011/316/2011-IA II (I) dated 25th June 2015.

Date: 05/02/2020
To,
Dy. Director General of Forests (C),
Ministry of Environment, Forest & Climate change,
Regional office, Western Region,
Kendriya Paryavaran Bhavan,
Link Road No. 3, E-5, Ravishanker Nagar,
Bhopal - 462 016 (M.P)

Mail: apccfbhopal@gmail.com/rowz.bpl-mef@nic.in

SUB: EC Compliance for our existing EC of Ethyl Cellulose manufacturing unit at Plot. No. 303/2 & 302/P, Village: Abrama, Tehsil & District: Valsad, Gujarat by M/s. Asha Cellulose (I) Pvt. Limited.

File No. J-11011/316/2011-IA II (I) dated 25th June 2015

Respected Sir,

We are pleased to submit comprehensive six monthly EC compliance report for a period of **April 2019 to September 2019** along with supporting and adequate documents.

We have obtained environmental clearance from MoEF , New Delhi for our proposed expansion of existing products at existing plant in the month of June 2015 vide no. **J-11011/316/2011-IA II (I) dated 25th June 2015**. Copy of EC is enclosed herewith as **Annexure: I.**

After obtaining Environmental Clearance we have obtained Consent to Establish (CTE) of SPCB and CCA for existing as well as proposed expansion project vide no**. AWH-87084, Date of issue: 12/07/2017 valid up to 31/03/2022.**Copy of CCA is enclosed herewith as **Annexure: II.**

We are pleased to submit the following details as required by you.

(i) Present status (Physical/civil) of work progress: Expansion project is already commissioned in the month of June 2017.

(ii) **A comprehensive compliance in respect of all conditions of EC with adequate reasoning and supporting data showing the summary of the monitored data in tabular format within the compliance status itself**: We are enclosing herewith comprehensive compliance report with all supporting documents.

(iii) **Period of Compliance for which compliance report is being submitted.** We are submitting herewith EC compliance report for a period of April 2019 to September 2019.

(iv) **Copies of**

- **EIA/EMP/Form-I.:** Already sent to Regional office Bhopal**.**
- **Recommendation of the Public Hearing,: If any.: Enclosed herewith as Annexure: IIA**
- **Consent to Establish/Operate from GPCB.** Enclosed herewith as **Annexure: II.**

(v) **Details of show cause/closure notice issued by GPCB/CPCB during last 3 years.:** Details of show cause notice/closure notice and its compliance for last three years is enclosed herewith as **Annexure: III**

(vi) **Details of court cases.** There are no court cases against the unit**.**

(vii) **Information about any expansion/replacement/construction work undertaken without valid approval/EC.:** We undertake that; we have not started any expansion/replacement/construction work without prior of EC.

(viii) **The information in the enclosed Data- Sheet. :** Data sheet is enclosed herewith as **Annexure: V.**

We are also enclosed herewith **Action Taken Report in response to Observations made in previous Certified Compliance Report from Regional Office, MOEF & CC – Bhopal.**

We request you to kindly consider our reply and issue us certified EC compliance report against Action Taken Report in response to Observations made in previous Certified Compliance Report from Regional Office, MOEF & CC – Bhopal.

Please do the needful and oblige.

Thanking You,

Yours Faithfully

FOR ASHA CELLULOSE (I) PVT. LIMITED.

DIRECTOR
(Mr. K. Srinivas)
Mob: 98251 32304

ANNEXURE: I

COPY OF ENVIRONMENTAL CLEARANCE

F. No. J-11011/316/2011- IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
Aliganj, Jorbagh Road,
New Delhi -110003

E-mail : lk.bokolia@nic.in
Telefax : 011-24695313
Date: 25th June, 2015

To,

Shri K.Srinivas, Technical Director
M/s Asha Cellulose (I) Pvt Ltd.
Plot No.303/2 & 302/P, Village Abrama
Tehsil & District Valsad, Gujarat

E-mail: valsad@ashacel.com / srini@ashacel.com ; Fax No.02632-227019:

Subject: Expansion of existing Ethyl Cellulose Unit (20 TPM) by installing Organic Chemical Plant (79.69 TPM) at Sy. No. 303/2 & 302/P, Village Abrama, Tehsil & District Valsad, Gujarat by M/s Asha Cellulose (I) Pvt. Ltd. - Environmental Clearance reg.

Ref. : Your letter no. nil dated 24th December, 2012.

Sir,

This has reference to your letter dated 24th December, 2012 alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report alongwith Public Hearing Report and subsequent submission of addl. information vide letter dated 19th December, 2014 regarding above mentioned project.

2.0 The Ministry of Environment, Forests and Climate Change has examined the application. It is noted that proposal is for expansion of existing Ethyl Cellulose Unit (20 TPM) by installing Organic Chemical Plant (79.69 TPM) at Sy. No. 303/2 & 302/P, Village Abrama, Tehsil & District Valsad, Gujarat. River Auranga and Arabian sea is at located at a distance of 0.5 km. & 12 km respectively. Total plot area is 22,062 m^2. Out of which greenbelt will be developed in 6325 m^2. Expansion will be carried out in the existing campus only. Total cost of the proposed expansion project is Rs. 10.5 Crore. Rs. 1.68 Crore and Rs. 28.13 Lakh are earmarked towards capital cost and recurring cost for implementation of environmental management plan. It is reported that no national park/wildlife sanctuary is located within 10 Km distance. Patches of reserve forest is located within 10 km distance. Gujarat SCZM vide their letter no ENV-10-2013-74-E dated 3rd December, 2014 has clarified that proposed plant for expansion is not falling within CRZ area and does not attract the provision of CRZ Notification 2011. They have also directed not to carry out any construction activity (4800 m^2), which attracts the provision of CRZ notification 2011 and not to discharge any treated effluent into the estuary of river Auranga without obtaining necessary permission from the Competent Authority. Following products will be manufactured:

S. N.	Name of the Products	Capacity (MTPM)			Remarks
		Existing	Proposed	Total after expansion	
1	Ethyl Cellulose (Aqua Process)	20	0	20	Product from both the processes shall be manufactured.
2	Ethyl Cellulose (Solvent Process	0	79.69	79.69	
	Total	20	79.69	99.69	

List of By-products

S.N.	Name of the Product	Capacity (MTPM)			Remarks
		Existing	Proposed	Total	
1	Spent Caustic (18-20%)	369.2	0	369.2	Sold to actual users

3.0 *Stack of adequate height will be provided to additional gas fired steam boiler and hot air* generator to disperse the waste gases. Bag filter will be provided to additional spin flash dryers. Water requirement will be increased from 52.7 m3/day to 287.5 m3/day after expansion. Out of which, fresh water requirement from ground water source will be 52.7 m3/day and remaining/balance water requirement will be met from recycled water. Industrial effluent generation will be increased from 38 m^3/day to 240.5 m^3/day after expansion. Effluent will be treated in the effluent treatment plant (ETP) comprising primary, secondary and tertiary treatment (Reverse Osmosis). RO rejects will be evaporated in the Multiple Effect Evaporator (MEE). No effluent will be discharged outside the plant premises. RO permeates and Condensate from evaporator will be recycled/reused for cooling tower make up/process. 'Zero' effluent discharge shall be adopted and no effluent will be discharged outside the premises. Salts from MEE will be disposed off into TSDF Waste oil/spent oil will be sold to registered recyclers/re-processors.

4.0 Public hearings/public consultation was held on 15th December, 2012.

5.0 All Synthetic Organic Chemicals Industry located outside the notified industrial area/estate are listed at S.N. 5(f) under category 'A' and appraised at Central level.

6.0 The proposal was considered by the Expert Appraisal Committee (Industry) in its meetings held during 20th–21st October, 2011, 5th-7th March, 2013 and 16th-17th March, 2015 respectively. Project Proponent and the EIA Consultant namely M/s Precitech Laboratories, have presented EIA / EMP report as per the TOR. EAC has found the EIA / EMP Report and additional information to be satisfactory and in full consonance with the presented TORs. The Committee recommended the proposal for environmental clearance.

7.0 Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General Conditions:

A. SPECIFIC CONDITIONS:

i) National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit.

ii) Adequate stack height should be provided to gas fired boiler/hot air generator. Bag filter shall be provided to additional spin flash dryers. At no time, the emission levels should go beyond the prescribed standards.

iii) In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored.

iv) Solvent management shall be carried out as follows :

i. Reactor shall be connected to chilled brine condenser system

ii. Reactor and solvent handling pump shall have mechanical seals to prevent leakages.

iii. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.

iv. Solvents shall be stored in a separate space specified with all safety measures.

v. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.

vi. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.

vii. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.

v) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.

vi) The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the GPCB. The levels of PM_{10}, PM2.5, SO_2, NO_X, VOC and CO in ambient air and emissions from the stacks shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.

vii) Total fresh water requirement from ground water source should not exceed 52.7 m^3/day and prior permission should be obtained from the CGWA/SGWA.

viii) Total effluent generation shall not exceed 240.5 m^3/day. Effluent shall be should be treated in in the ETP comprising primary, secondary and tertiary treatment (RO). RO rejects will be evaporated in MEE. The RO permeates and MEE condensate shall be recycled in the process.

ix) 'Zero' effluent discharge shall be adopted and no effluent will be discharged outside the premises.

x) Automatic /online monitoring system (24 x 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.

xi) No effluent shall be discharged into river. In the event of failure of any effluent treatment plant adopted by the unit, the Organic Chemical plant shall not be restarted until the control measures are rectified to achieve the desired efficiency.

xii) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.

xiii) Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.

xiv) As proposed, process organic residue and spent carbon should be sent to cement industries. ETP sludge, process inorganic & evaporation salt should be disposed off to the TSDF.

xv) The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from GPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal shall be obtained.

xvi) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 11989 as amended in October, 1994 and January, 2000. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

xvii) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.

xviii) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

xix) Green belt over 6325 m^2area should be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.

xx) All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 15th December, 2012 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhopal.

xxi) At least 5 % of the total cost of the project should be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.

xxii) Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.

B. GENERAL CONDITIONS:

i. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.

ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.

iv. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

v. The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.

vi. During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.

vii. Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.

viii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.

ix. The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.

x. The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.

xi. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

xii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

xiii. The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

xiv. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.

xv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

xvi. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by e-mail.

xvii. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

xviii. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

9.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

10.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Waste (Management, Handling and

Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

11.0 Environmental Clearance is issued to M/s Asha Cellulose (I) Pvt. Ltd. for expansion of existing Ethyl Cellulose Unit (20 TPM) by installing Organic Chemical Plant (79.69 TPM) at Sy. No. 303/2 & 302/P, Village Abrama, Tehsil & District Valsad, Gujarat.

(Lalit Bokolia)
Additional Director

Copy to:-

1. The Principal Secretary, Forests & Environment Department, Government of Gujarat, Sachivalaya, 8th Floor, Gandhi Nagar - 382 010, Gujarat.
2. The Chief Conservator of Forests (Western Zone), Ministry of Environment & Forests, Regional Office, E-5, Arera Colony, Link Road -3, Bhopal -462 016, M.P.
3. The Chairman, Central Pollution Control Board PariveshBhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhi Nagar-382 043, Gujarat.
5. Monitoring Cell, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhavan, *Jor Bagh*, New Delhi.
6. Guard File/Monitoring File/Record File.

(Lalit Bokolia)
Additional Director

ANNEXURE: II

COPY OF CONSENT TO OPERATE ISSUED BY GPCB

GPCB

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar** 382 010
Phone : (079) 23222425
(079) 23232152
Fax : (079) 23232156
Website : www.gpcb.gov.in

By R.P.A.D.

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, framed under the Environmental (Protection) Act-1986.

And whereas Board has received CC& A application inward **no: 122307** dated **23/05/2017** for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:
(Under the provisions /rules of the aforesaid environmental acts)

To,
M/S. ASHA CELLULOSE (I) PVT LTD,
PLOT NO: SHED NO: 303/2, 302/P,
VILLAGE-ABRAMA, ABRAMA - 396001,
DIST.: VALSAD.

Outward No: 41210, 20/07/2017

1. **Consent Order No.: AWH- 87084, Date of issue: 12/07/2017.**

2. The consents shall be valid up to **31/03/2022** for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Product	Quantity (MT/Month)
1.	Ethyl Cellulose (Aqua Process)	20
2.	Ethyl Cellulose (Solvent Process)	31.72
3.	Ethyl Cellulose Aqueous Dispersion. Non-Plasticized	20.124
4.	Ethyl Cellulose Aqueous Dispersion- Plasticized	24.70
By-Product		
5.	Spent Caustic lye (18-20%)	369.2

SUBJECT TO THE FOLLOWING CONDITIONS:-

- Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46).
- As per provision of Rule-18 of Solid Waste Management Rules-2016 all industrial units using fuel and located within 100 km from the refused derived fuel (RDF) plant shall made an arrangement to replace at least five percent of their fuel requirement by refused derived fuel so produced.

3 **CONDITIONS UNDER THE WATER ACT:**

3.1 The quantity of total water consumption shall not exceed 155.48 KLD as per below break up. Source of fresh water shall be only from Borewell. Unit shall submit NOC from Central Ground Water Authority (CGWA) for use of borewell water.

a) Domestic: 2.2 KLD
b) Industrial: 149.78 KLD

3.2 The quantity of trade effluent discharge from the industry shall not exceed **121.5 KLD**. Entire effluent shall be treated in ETP, followed by RO & MEE and achieve zero liquid discharge condition.

3.3 The quantity of Sewage effluent from the industry shall not exceed **1.5 KLD.**

3.4 Domestic effluent shall be disposed off through septic tank/soak pit system.

4. **CONDITIONS UNDER THE AIR ACT:**

4.1 The following shall be used as fuel in the Boilers, Hot Air Generations & D.G.Sets.

Sr. No.	Fuel	Quantity
1.	Natural Gas/Furnace Oil for 3 TPH Boiler	230 Scm/Hr / 200 Kg/hr
2.	Furnace Oil/LDO for 800 Kgs/Hr Boiler II	25 Lits/Hr
3.	Furnace Oil/LDO for 800 Kgs/Hr Boiler III	25 Lits/Hr
4.	Furnace Oil/LDO for 800 Kgs/Hr Boiler IV	25 Lits/Hr
5	LDO/Natural Gas for 6 Lacs K Cal Hot air Generator	40 LPH/505CM
6.	LDO/Natural Gas for 6 Lacs K Cal Hot air Generator	40 LPH/505CM
7.	HSD for D.G.Set-I 110 KV	45 Kg/Hr
8.	HSD for D.G.Set-II 35 KVA	15 Kg/Hr

4.2 The flue gas emission through existing stack shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Parameter	Permissible Limit
1.	Boiler (3 TPH)	30	PM	100 mg/NM^3
2.	Boiler II (800 Kgs/Hr)	15	SO_2	100 ppm
3.	Boiler III (800 Kgs/Hr)		NO_x	50 ppm
4.	Boiler IV (800 Kgs/Hr)			

Outward No. 8210, 20/07/2017

GPCB

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar** 382 010
Phone : (079) 23222425
(079) 23232152
Fax : (079) 23232156
Website : www.gpcb.gov.in

5.	Hot air Generator (6 Lacs K Cal)			
6.	Hot air Generator (6 Lacs K Cal)			
7.	D.G.Se I (110 KVA)	11		
8.	D.G Set II (35 KVA)			

4.3 The Process emission through various stacks/vent of reactors, process, vessel shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1.	Spin flash Dryer-I (50 Kgs/Hr)	11	Cyclone Separator & bag filter	PM	150 mg/NM^3
2.	Spin flash Dryer-II (100 Kgs/Hr)				

4.4 The concentration of the following substances in the ambient air within the premises of the industry and at a distance of 10 meters from the source (other than the stack / vent with height of more than 9 meters from the ground level) shall not exceed the following levels:

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in ug/M^3
1.	Sulphur Dioxide (SO_2)	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO_2)	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM_{10}	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) OR $PM_{2.5}$	Annual 24 Hours	40 60
5.	Carbon Monoxide (CO) mg/m^3	8 Hours 1 Hour	02 04

4.5 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed

Outward No: 118210 20/07/2017

by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

4.6 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB (a) during day time and 70 dB (A)during night time. Daytime is reckoned in between 6 a.m. and10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

5 GENERAL CONDITIONS: -

5.1. Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

6. Authorization under Hazardous and Other Waste (Management and Transboundary Movement) Rules-2016, Form-2 (See rule 6(2))

6.1 Number of authorization: **AWH- 87084, Date of issue: 12/07/2017.**

6.2 Reference of application **No. 122307 and date: 23/05/2017.**

6.3 **M/s. ASHA CELLULOSE (I) PVT LTD,** is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at **PLOT NO: SHED NO: 303/2, 302/P, VILLAGE-ABRAMA, ABRAMA - 396001, DIST.: VALSAD.**

Details of Authorization:

Sl. No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules		Authorized mode of disposal or recycling or utilisation or co-processing, etc.	Quantity (ton/annum) (MT/Month)
1.	Schedule-I Used oil	5.1	Collection, storage transportation, sold to registered recyclers.	0.092
2.	Schedule-I Discarded Containers/ Bags	33.1	Collection, storage transportation, Reused for packing of solid waste or sold to registered recyclers.	50
3.	Schedule-I ETP waste	35.3	Collection, storage transportation, Disposal at TSDF VWEMCL-Vapi.	109
4.	Schedule-I MEE waste	35.3	Collection, storage transportation, Disposal at TSDF VWEMCL-Vapi	234

Outward No 418210/07/2017

GPCB

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
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5.	Schedule-I Dust from air filtration system	26.2	Recycled in process	0.22
6.	Schedule-I Salt for process	26.1	Collection, storage transportation, Disposal at TSDF WWEMCL-Vapi	1703
7.	Schedule-I Mixed solvent form the process	26.4	Collection, storage, Transportation and sale to authorized industry having permission under rule-9 of Hazardous & other wastes (Management & Transbouandry Movement) rule-2016.	942.52
8.	Schedule-I Distillation Residue/ & Laboratory organic waste	26.1	Collection, storage transportation, disposal to BEIL incineration facility.	23
9.	Schedule-I Spent carbon from ETP & Chimney	36.2	Collection, storage transportation, disposal to BEIL incineration facility.	4.8
10.	Schedule-I Date – Expired, Discarded and off-specification Material & floor sweeping	28.5	Collection, storage transportation, disposal to BEIL incineration facility.	1
11.	Schedule-I Spent Filter cloth & filter material	36.2	Collection, storage transportation, disposal to BEIL incineration facility.	1
12.	Schedule-I Spent Resins from D.M plant	35.2	Collection, storage transportation, Disposal at TSDF WWEMCL-Vapi OR BEIL incineration facility.	1
13.	Used hot & cold insulation material	X-XO2	Collection, storage transportation, Disposal at TSDF WWEMCL-Vapi OR BEIL incineration facility.	0.5

Outward No. 18210 / 20/07/2017

6.4 The Authorisation shall be valid for a period of **31/03/2022.**

6.5 The Authorisation is subject to the following general and specific conditions:

A. General Conditions under Hazardous and other Wastes (M&TM) Rules-2016

1. The Authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

2. The Authorisation or its renewal shall be produced for inspection at the request of an officer Authorised by the State Pollution Control Board.

3. The person Authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.

4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.

5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;

6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"

7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.

8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.

9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.

10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.

11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.

12. An application for the renewal of an authorisation shall be made as laid down under these Rules

Outward no: 41021 Dt: 20/07/2017

GPCB

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar** 382 010
Phone : (079) 23222425
(079) 23232152
Fax : (079) 23232156
Website : www.gpcb.gov.in

13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. Specific Conditions (Whichever is applicable)

1. The authorised actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorisation.

2. Handing over of the hazardous and other wastes to the authorised actual user shall be only after making the entry into the passbook of the actual user.

3. In case of renewal of authorisation, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.

4. The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF&CC or CPCB or GPCB form time to time.

5. Unit shall comply provisions of E-Waste Management Rules-2016.

For and on behalf of
Gujarat Pollution Control Board

DPShah

(Smt.D.P.Shah)
Environmental Engineer

NO: GPCB/CCA-VSD-152(3)/ID: 23135/

Issued to:
M/S. ASHA CELLULOSE (I) PVT LTD,
PLOT NO: SHED NO: 303/2, 302/P,
VILLAGE-ABRAMA, ABRAMA - 396001,
DIST.: VALSAD.

Outward No:410210, 20/07/2017

Signature Not Verified
Digitally signed by SHAH DIPTI PRAKASH
Date: 2017.07.21 11:39:22 IST
Reason: Secure Document
Location: India

ANNEXURE: IIA
Recommendations of the Public Hearing

Sr. No.	Who asked the question	Question details	Response from the party & comment from the dias
1	Shri Ikbal Kureshi Village: Valsad	• Asked that how much water of municipality is used by this company and how much quantity will be used in future?	Representative from the project Proponent replied that company is using their own Borewell water and will continue to use in future also.
2	Shri Vishwas Village: Valsad	• How much quantity of solvent is to be used by the company and how much is to be recovered? • He further asked about Mockdrill, Safety Audit and Risk Assessment etc. are carried out at regular interval or not?	Representative from the project Proponent replied that Solvent recovery @ 96% is carried out and Mockdrill & Safety Audit etc. are being carried out annually and Report is also forwarded to factory inspector.
3	Shri S.K. Nandi Village: Atul	• What will be the treatment cost in the ETP?	Representative from the project Proponent replied that for the proposed expansion Rs. 43/KL cost will be incurred for industrial effluent treatment.
4	Shri Rajnikant Desai Village: Valsad	• Whether for proposed project local people will get the employment or not?	Representative from the project Proponent replied that employment will be given to the local people based on their qualification and experience.
5	Shri Pravinbhai Pursottambhai Bhanusali Village: Valsad	• As Company is located in the area of Nagarpalika, any officer of the Nagarpalika is present here or not?	Shri G.V.Patel, Regional Officer, GPCB, Vapi enquired about the present of officers from Valsad Nagarpalika and on inquiry stated that nobody from Nagarpalika has turned up in the Public Hearing.

Sr. No.	Who asked the question	Question details	Response from the party & comment from the dias
		• He added that after 16/11/2012 whether Nagarpalika has given any permission. M/s. Asha Cellulose (I) Pvt. Ltd. has conducted this kind of public hearing which is highly appreciable and other company should also do same activity. • He further informed that recently permission was granted to the project of Rs. 170 Crore of M/s. Sidmak Laboratories but this kind of public hearing was conducted.	--
		• He asked whether company is located in Gundlav GIDC or Valsad?	--
		• He added that Gujarat Pollution Control Board has also issued notice to the Nagarpalika for the sewage treatment Plant.	Representative from the project Proponent replied that this plant is located in the area of Valsad Nagarpalika.
		• In addition he mentioned that it is necessary that action should be taken by the collector in case of pollution by the Nagarpalika.	Shri G.V.Patel, Regional Officer, GPCB, Vapi informed that action will be taken as an when required. --

Sr. No.	Who asked the question	Question details	Response from the party & comment from the dias
6	Shri Rajendra Parekh, Valsad	• Asked the company to clarify whether Caustic Solution is generated in existing manufacturing process? As to why caustic solution will not be generated in the new project?	Representative from the project Proponent replied that consumption of Caustic is more in aqua process but proposed expansion will be solvent based, so consumption of caustic will be less and there will be no generation of additional spent caustic.
7	Shri Hiren Desai, Valsad	• Whether proposed R.O. and MEE system are viable or not?	Representative from the project Proponent replied that feasibility trials conducted in the plant and details are also mentioned in the project report.
8	Shri Atul Sankadecha Valsad	• How many accidents or causalities occurred in last five years?	Representative from the project Proponent replied that no such accidents or casualties occurred during last five years.

ANNEXURE: III

SHOW CAUSE NOTICE/CLOSURE NOTICE ISSUED BY GPCB/CPCB & ITS COMPLIANCE

Sr. No	Date	Reason For Show Cause Notice	Compliance
1	28.07.2016	Written instructions were given during the visit, you are directed to submit detailed action taken report with supporting documents (if not submitted).	We have already uploaded on xgn and submitted copy of compliance of written instruction given during the inspection of our unit by the officers from GPCB
2	20.04.2017	Unit is not operated MEE on regular basis.	We have installed our MEE for full production capacity, but our production plant was operated on 60-70% production capacity and hence there was no sufficient effluent to meet the capacity of MEE and we were operating our MEE thrice a week.
3	23.03.2018	The recent past result of inlet and outlet of CETP are not as per prescribed limits.	This is not applicable to us, as we are a ZLD unit and we are not discharging our treated effluent into CETP.

ANNEXURE: IV

COPY OF ADVERTISEMENT FOR PUBLIC NOTICE

ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ

પર્યાવરણ ભવન, સેકટર ૧૦ અ, ગાંધીનગર-૩૮૨૦૧૦
ટેલી ૦૭૯-૨૩૨ ૩૨૧૫૨ ફેક્સ ૦૭૯-૨૩૨૨૨૭૮૪ www.gpcb.gov.in

જાહેર સૂચના

ભારત સરકારના વન અને પર્યાવરણ મંત્રાલય, નવી દિલ્હીના જાહેરનામા ક્રમાંક : એસ.ઓ.૧૫૩૩ તારીખ, ૧૪-૯-૨૦૦૬ અન્વયે જણાવવાનું કે, મેસર્સ આશા સેલ્યુલોઝ (આઈ) પ્રા.લી. સર્વે નં.૩૦૨/૨ અને ૩૦૨/પી, ગામ : અબ્રામ, તા.જિ.વલસાડ દ્વારા હયાત ઈથાયલ સેલ્યુલોઝ ૨૦ ટીપીએમ પ્લાન્ટની ઉત્પાદન ક્ષમતા ૯૯.૬૯ ટીપીએમ વધારવા માટેની પરીયોજના (પ્રોજેક્ટ) કેટેગરી "એ" અંતર્ગત વલસાડ વિસ્તાર માટે તેઓની અરજી અત્રે મળેલ છે.

લોકસુનાવણીની પ્રક્રીયાના ભાગરૂપે લાગતાવળગતા સ્થાનિક અસરગ્રસ્ત લોકોનું ધ્યાન દોરીને સદર લોકસુનાવણી દરમિયાન હાજર રહેવા અથવા તેઓની ટીકા-ટિપ્પણી લેખિતમાં સભ્ય સચિવશ્રી, ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડને મોકલવા વિનંતી છે.

રસ ધરાવતી અન્ય વ્યક્તિઓને પણ તેઓની ટીકા-ટિપ્પણી લેખિતમાં પર્યાવરણ સુનાવણીની તારીખ પહેલા લેખિતમાં સભ્ય સચિવશ્રી ગુ.પ્ર.નિ.બોર્ડને મોકલવા વિનંતી છે.

અત્રે ઉલ્લેખનીય છે કે, પ્રોજેક્ટના ઈઆઈએ (એન્વિરોન્મેન્ટ ઈમ્પેક્ટ એસ્સેસમેન્ટ) અહેવાલના મુસદ્દાની પ્રત તથા એન્વિરોન્મેન્ટ ઈમ્પેક્ટ એસ્સેસમેન્ટનો સંક્ષિપ્ત અહેવાલની પ્રત નીચે દર્શાવેલ ઓથોરિટી/કાર્યાલયો ખાતે કામકાજના દિવસો દરમિયાન લોકસુનાવણીના દિન સુધી નિહાળી શકાશે.

૧. જિલ્લા કલેકટરશ્રીની કચેરી, વલસાડ
૨. જિલ્લા વિકાસ અધિકારીની કચેરી, વલસાડ
૩. જિલ્લા ઉદ્યોગ કેન્દ્ર, વલસાડ
૪. તાલુકા વિકાસ અધિકારીની કચેરી, તા.જી.વલસાડ
૫. મુખ્ય વન સંરક્ષકશ્રી, પર્યાવરણ અને વન મંત્રાલય ભારત સરકારની પ્રાદેશિક કચેરી (પશ્ચિમ ઝોન), કેન્દ્રીય પર્યાવરણ ભવન, ઈ-૫, અરેરા કોલોની, લીન્ક રોડ-૩, રવીશંકર કોલોની, ભોપાલ - ૪૬૨૦૧૬.
૬. પ્રાદેશિક કચેરી, ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, શેડ નં.સી-૫/૧૨૪, વાપી જીઆઈડીસી, હોટલ પ્રિતમ પાસે, વાપી, જિ.વલસાડ - ૩૯૬૧૯૫.

જિલ્લા કલેકટરશ્રી, (જિલ્લા મેજીસ્ટ્રેટ) કે, તેઓના/તેણીના પ્રતિનિધિ કે જેનો હોદ્દો અધિક જિલ્લા મેજિસ્ટ્રેટથી ઉતરતી કક્ષાનો ન હોય, તેવી વ્યક્તિ સદર લોકસુનાવણીની કામગીરીનું દેખરેખ અને સંચાલન કરશે.

લોકસુનાવણીની તારીખ. ૧૫-૧૨-૨૦૧૨ના રોજ ૧૧-૦૦ કલાકે, શ્રી સૌરાષ્ટ્ર પટેલ કડવા પાટીદાર સમાજ હોલ, ધરમપુર ચાર રસ્તા, નેશનલ હાઈવે નં.૮ વલસાડ તા.જી.વલસાડ - ૩૯૬ ૦૦૧. ખાતે યોજવામાં આવેલ છે.

સ્થળ : ગાંધીનગર
તા.૦૫-૧૧-૨૦૧૨

હાર્દિક શાહ
સભ્ય સચિવ

Gujarat Pollution Control Board

Paryavaran Bhavan, Sector 10 A, Gandhinagar 382 010
Tel 079-23232152 Fax 079-23222784 www.gpcb.gov.in

Public Notice

It is hereby informed that as per the Ministry of Environment and Forests, Government of India, New Delhi vide its Notification no. S.O. 1533 dated September 14,2006, Public Hearing has been fixed for **M/s. Asha Cellulose (I) Pvt. Ltd., for Expansion of existing capacity of Ethyl Cellulose plant from 20 TPM to 99.69 TPM), at Survey No. 303/2 &302/P, Village : Abrama Tehsil & Dist : Valsad** covered under **Category "A"** as mentioned in their request application.

All plausible stake holder of the project are requested to remain present in the public hearing or send their response in writing to Member Secretary, GPCB.

Other interested persons can submit their responses to Member Secretary, GPCB in writing before the hearing date.

It may be noted that, draft Environment Impact Assessment report and the Executive Summary of Environment Impact Assessment Report of the project has been sent to the following authorities or offices to make it available for inspection to the public during normal office hours, till the Public Hearing is over.

1. The District Collector Office, **Valsad**
2. District Development Office, **Valsad**
3. District Industry Centre, **Valsad**
4. Taluka Development Office, **Tal.& Dist. Valsad**
5. The Chief Conservator of Forests, Ministry of Environment & Forests, GOI, Regional Office (West Zone), Kendriya Paryavaran Bhavan, E- 5, Arera Colony, Link Road 3, Ravisankar Colony, Bhopal 462 016
6. **Regional Office, GPCB, Vapi,** Shed no. C 5/124, Vapi, GIDC, Near Hotel Pritam, Vapi-396 195, **Dist. Valsad.**

The District Magistrate or his or her representative not below the rank of an Additional District Magistrate shall supervise and preside over the entire public hearing process.

The Public Hearing is scheduled to be held on **15.12.2012 at 11:00 hrs, Shree Saurastra Patel Kadva Patidar Samaj Hall, Dharampur char Rasta, N.H. No. 8. Valsad, Ta. & Dist. Valsad.**

Place : **Gandhinagar** **Hardik Shah**
Date : **05.11.2012** Member Secretary, GPCB

ANNEXURE: V

MONITORING REPORT

PART – I

DATA SHEET

1.	Project type : River-Valley/Mining/Industry/Thermal/Nuclear/Other	**Industry**
2.	Name of the Project	**Asha Cellulose (I) Pvt. Limited**
3.	Clearance letter(s) OM No. and date	**J-11011/316/2011-IA II (I) dated 25.06.2015**
4.	Location:	**Plot. No. 303/2 & 302/P, Village: Abrama, Tehsil & Dist: Valsad, Gujarat**
	(a) District (s)	**Valsad**
	(b) State (s)	**Gujarat**
	(c)Location Latitude/Longitude	**$20^0$35' 38.39" N Latitude & 72^0 57'40.59" E Longitude**.
5.	Address for correspondence	**Plot. No. 303/2 & 302/P, Village: Abrama, Tehsil & Dist: Valsad, Gujarat**
	(a) Address of the correspondence Project Chief Engineer (with pin Code & telephone/Telex/Fax numbers)	**Mr. K Srinivas- Director technical M/s. Asha Cellulose (I) Pvt. Limited Plot. No. 303/2 & 302/P, Village: Abrama, Tehsil & Dist: Valsad, Gujarat Mobile no. +91 9825132304**
	(b) Address of the Executive Project Engineer/Manager	**Mr. K Srinivas- Director technical M/s. Asha Cellulose (I) Pvt. Limited Plot. No. 303/2 & 302/P, Village: Abrama, Tehsil & Dist: Valsad, Gujarat Mobile no. +91 9825132304**
6.	Salient Features	**Annexure: 5.1 attached**
	(a) Of the Project	**Annexure: 5.1 attached**
	(b) Of the EMP	**Annexure: 5.1 attached**
7.	Breakup of the Project area	Total 22062 m^2

	(a) Submergence area : forest non-forest	Not applicable
	(b) Others	Non agriculture land
8.	Breakup of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only both dwelling units & agricultural land & landless laborers/artisans:	Not applicable as we had purchased non agriculture land
	(a) SC, ST/Adivasi	Not applicable as we had purchased non agriculture land
	(b) Others	Not applicable as we had purchased non agriculture land
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details & year of survey)	Not applicable as we had purchased non agriculture land
9.	Financial Details	
	(a) Project cost as originally planned and subsequent revised estimates and the year of price reference	**Originally project cost Rs. 1490 lakhs. There are no changes in project cost**
	(b) Allocation made for EMP with item wise and year wise break-up	**Total Rs. 210 lakhs for EMS** **Rs. 192 lakhs for effluent treatment plant, RO plant and MEE** **Rs. 8.0 lakhs for MDC and bag filter and chimney** **Rs. 10 lakhs for the membership of TSDF, CHWIF and disposal of hazardous waste.** **Entire allocation was done in the year of 2015.**
	I BC ratio/IRR and the year of assessment	1.0: 1.15
	(d) Whether © includes the cost of EMS as shown in the above	-
	(e) Actual expenditure incurred on the project so far	Rs. 1490 lakhs
	(f) Actual expenditure incurred on the EMP so far	Total Rs. 210 lakhs
10.	Forest land requirement	Not applicable as we had purchased non agriculture land

	(a) The status of approval for diversion of forest land for non forestry use	Not applicable as we had purchased non agriculture land
	(b) The status of clearing felling	Not applicable as we had purchased non agriculture land
	© The status of CA, if any	Not applicable as we had purchased non agriculture land
	(d) comments on the viability & sustainability of CA program in the light of actual field experience so far	Not applicable as we had purchased non agriculture land
11.	The status of clear felling in non-forest areas (such as submergence area or reservoir, approach Rods.), if any with quantitative information required.	Not applicable as we had purchased non agriculture land
12.	Status of construction (Actual &/or Planned)	Plant was already commissioned in the year of 2015
	(a) Date of commencement (Actual &/or Planned)	November 2015
	(b) Date of completion (Actual &/or Planned)	-
13.	Reason for delay if the project is yet to start.	Project was started as per schedule
14.	Any pending cases/complaints against the unit	There is no any pending cases or complaints against the unit. Also there are no closure orders from GPCB/CPCB. Show cause notice received from GPCB and we have already complied with. The details of show cause notice for last Three years and its compliance is enclosed herewith as **Annexure: III**

ANNEXURE: 5.1

SALIENT FEATURES OF THE PROJECT AFTER EXPANSION

- Proposed expansion plant of Organic Chemicals at our existing plant located at S. No. 303/2 & 302/P, Village: Abrama, Tehsil & Di: Valsad, Gujarat by M/S Asha Cellulose (I) Pvt. Limited.
- The existing production capacity is 20 TPM of Organic Chemical, proposed production capacity will be 80 TPM of existing product, thus after proposed expansion, total capacity will be 100 TPM.
- The existing cost of the project is Rs. 694 Lacs. The cost of the proposed project will be Rs. 1490 Lacs, thus total cost of the project after proposed expansion will be Rs. 2184 lacs; out of which Rs. 248 lacs will be for environment protection measures.
- The list of the products at existing & proposed scenario are as follows;

Sr. No.	Name of the Product	Capacity, MT / Month			Remarks
		Existing	Proposed	Total after expansion	
1	ETHYL CELLULOSE (AQUA PROCESS)	20	0	20	Product from both the processes shall be manufactured.
2	ETHYL CELLULOSE (SOLVENT PROCESS)	0	79.69	79.69	
	Total	20	79.69	99.69	

LIST OF BY- PRODUCTS

S. No.	Name of the Product	Capacity, MT / Month			Remarks
		Existing	Proposed	Total after expansion	
1	Spent Caustic (18-20%)	369.2	0	369.2	Sold to actual users
2	Mixed Solvent	34.46	110.18	144.64	Sold to authorized dealers

- Presently, company is using one number of 3 TPH capacity of steam boiler, hot air generator of 6 lacs k cal capacity, furnace oil or natural gas used as a fuel at a rate of

1920 kgs/day or 2300 SCM/day & 480 kgs/day or 580 SCM/day respectively, having 33 meters & 11 meters height of chimney & SMF is provided. There will be one 5 TPH of steam boiler & two numbers of 10 lacs k cal capacity of hot air generators will be added having fuel of furnace oil or natural gas will be used at a rate of 4020 kgs/day or 4800 SCM/day & 1620 kgs/day or 1940 SCM/day respectively. Thus after proposed expansion furnace oil consumption will be 8040 kgs/day or natural gas consumption will be 9620 SCM/day. Also 500 KVA, 110 KVA & 35 KVA of D G sets will be installed as a standby in case of power failure. 150 kgs/hr of HSD will be used for DG sets & separate 11 meters height of chimney & SMF shall be provided. Also there is a 50 kgs/hr & 250 kgs/hr capacity of spin flash dryer will be used having cyclone separator & bag filter provided along with 11 meters height of chimney. There will be no process gas emission.

- Presently 52.7 m3/day of water is used sourced from own bore well. For the proposed expansion, there will be decrease in the fresh water requirement by 3.5 m3/day, thus after proposed expansion the total fresh water requirement will be 49.2 m3/day shall be sourced from existing own bore well. Presently we are generating 38.3 m3/day of industrial effluent, which is treated in primary, secondary & tertiary effluent treatment plant & finally discharged into tidal zone of river Auranga for ultimate disposal into Arabian Sea. After proposed expansion, there will be 242.1 m3/day of effluent generation, for the treatment of which we have proposed modified effluent treatment plant consisting of primary, secondary & tertiary treatment units followed by RO system & multiple effect evaporation system. Thus, after expansion there will be no discharge of any industrial effluent on land. Entire treated effluent will be recycled in the process. Salt from MEE will be sent to TSDF.
- After proposed expansion; 0.020 TPA of used oil from the machineries, 70 TPA of discarded containers, 220.47 TPA of waste from ETP & MEE, 0.22 TPA of dust from air filtration system, 2816.4 TPA of salt from the process, 47.19 TPA of distillation residue from the process will be generated. Used oil shall be sold to registered re-refiner; discarded containers shall be partly reused for packing & partly sold to authorized recycler. ETP waste, salt from MEE & process shall be dispose off into TSDF, residue shall be sent to CHWIF of M/S GEPIL, Surat. Each category of waste will be stored in segregated area in covered storage shed with chemical proof flooring and R.C.C. boundary wall to prevent a leaching due to rain during monsoon. Leachate collection system will be provided which is connected to ETP inlet. The company has already taken membership of common TSDF/CHWIF site of M/S VWEMCL, Vapi. GEPIL, Surat & BEIL, Ankleshwar.

- After proposed expansion, there will be usage of solvent i.e ethyl chloride as a reactant with consumption of 254 TPM & Toluene will be used as a reaction medium with consumption of 32.24 TPM. We have provided adequate solvent recovery system.
- Land Acquired: Existing 22060 m2 of area with will be utilized for proposed expansion.

Power requirement and source: Total power requirement will be 1500 KVA from DGVCL. The project activity is listed at 5 (f) and is of A Category in the Schedule of EIA Notification, 2006.

- Land acquired: 22060 m2
- Land for Green belt: 6325 m2
- Cost of project: Total Rs. 2184 lacs
- Capital and recurring Cost earmarked for environmental protection measures: Existing capital cost for EMS is Rs. 38 lacs & operating cost is Rs. 8 lacs per Anum. After proposed expansion total capital cost will be Rs. 248 lacs & estimated operating cost will be Rs. 134 lacs per Anum.
- Raw materials with quantities for proposed product:

FOR EXISTING PROCESS

Sr. No.	Raw Materials	Consumption in TPM	
		Per tone	Per month
1	Wood pulp	0.81	16.2
2	Caustic flakes	5.385	107.7
3	Ethyl Chloride	3.365	67.3
4	Acetic acid	0.0039	0.078
	Total		191.278

FOR PROPOSED PROCESS

Sr. No.	Raw Materials	Consumption in TPM	
		Per tone	Per month
1	Wood pulp	0.83	66.14
2	Caustic flakes	1.74	138.66
3	Ethyl Chloride	2.34	186.47

4	Toluene	0.40	32.24
5	Acetic acid	0.59	47.02
6	SDS	0.19	15.14
	Total		485.66

- Water requirement, sources and pollution management : Source of Water: Own bore well
- Total water requirement: 49.2 m3/day
- Total industrial effluent generation: 242.1 m3/day
- Pollution management: Provide primary, secondary & tertiary treatment followed by RO & MEE system for industrial effluent stream & treated effluent shall be recycled back to the process, thus there will no discharge of any effluent on land.
- Power requirement and source: Total 1500 KVA power from DGVCL,
- Fuel requirement: FO or natural gas: 8040 kgs/day or 9620 SCM/day & 150 kgs/hr of HSD
- DG sets: 500 KVA, 110 KVA & 35 KVA

EC COMPLIANCE REPORT

for

April 2019 to September 2019

M/s. ASHA CELLULOSE (I) PVT. LIMITED

At,

Plot. No. 303/2, 302/P, Village: Abrama, Tehsil & Dist: Valsad, Gujarat.

The compliance of Specific conditions & general conditions of Environmental Clearance are as follows;

Sr. No	CONDITIONS	Compliance
A	**Specific Conditions**	
i	National Emission standards for organic chemicals Manufacturing Industry issued by the ministry vide G.S.R 608(E) dated 21th July 2010 and amended time to time shall be followed by the unit.	We are complying with all the parameters for national emission standards for organic chemicals Manufacturing Industry issued by the ministry vide G.S.R 608(E) dated 21th July 2010 and amended time to time by regularly monitoring of ambient air, noise level, VOC monitoring, fugitive emission and waste water analysis through NABL accreditated laboratory. Compliance of G.S.R 608(E) dated 21th July 2010 and amended are as under;

Sr. No.	Industry	Parameter	Standards	Compliance
(1)	(2)	(3)	(4)	
"68.	Organic chemicals Manufacturing Industry	**A. Effluent Standards**		
			Limiting concentration in mg/l, except for pH and Bioassay test	
		Compulsory Parameters		
		PH	6.5-8.5	7.0-8.0
		BOD 3 days, 27°C	100	20-30
		Oil & Grease	10	0.5-0.7
		Bioassay test +	Minimum 90% survival after 96 hours in 100% effluent	Not applicable, we are ZLD unit
		Additional Parameters		
		Nitrate (as N)	10	1-2
		Arsenic (as As)	0.2	ND
		Chromium (Hexavalent)	0.1	ND
		Chromium Total	1.0	ND
		Lead (as Pb)	0.1	ND
		Cyanide (as CN)	0.2	ND
		Zinc (as Zn)	5.0	ND
		Mercury (as Hg)	0.01	ND
		Copper (as Cu)	2.0	ND
		Nickel (as Ni)	2.0	ND
		Phenolics (as C_6H_5OH)	5.0	0.1-0.02

				Sulphide	2.0	0.1-0.2	
				+ The Bioassay test shall be conduct as per IS: 6582-1971			
				Note:			
				(i)	Industries covered under this group include halo aliphatics, plasticizers, aromatics (alcohols, phenols, esters, acids and salts, Aldehydes and ketones), substituted aromatic, aliphatics (alcohol, esters, acids, Aldehydes, ketones, amines and amides) and detergents.		
				(ii)	Though norms for COD are not mentioned here but, COD shall be mentioned. If the COD in treated effluent exceeds 250 mg/l, the concerned industrial units discharge such effluent shall be required to indentify chemicals responsible for high COD in effluent. In case, these are found to be toxic as defined under the manufacturing, Storage and Import of Hazardous chemicals Rules, 1989, the concerned industry shall install tertiary treatment system.		COD: 80-90 mg/l
				(iii)	The above mentioned standards shall not be applicable to small scale detergent formulating units.		Agreed

ii	Adequate stack height should be provided to gas fired boiler/hot air generator, Bag filter shall be provided to additional spin flash dryers. At no time, the emission levels should go beyond the prescribed standards.	We have provided 30 meters height chimney for gas fired boiler and 11 meters height chimney for Hot Air generators. Bag filters for spin flash dryers. We ensure that, no emission level will beyond the prescribed standard.
	Stack Monitoring Report	
iii	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided.	We have provided closed reactors, storage tanks for liquid raw materials to control the fugitive emission. Also provided alarm

	Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/ materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emission. Fugitive emissions in the work zone environment, product, raw material storage area etc. shall be regularly monitored.	system to check the fugitive emission at source. We have provided closed storage, closed handling & conveyance of chemicals/ materials, multi cyclone separator and water sprinkling system to control fugitive emission. We have provided RCC road within the premises and also provided water sprinkler system at loading and unloading area. We have regularly carried out fugitive emission in the work zone area, production plant, raw material/product storage area through NABL accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat on monthly basis. Summary of the results are as under;

No.	Date	Name of Raw Material Storage			
		Toluene	**Ethyl Alcohol**	**Acetic Acid**	**HCl**
1	07/04/2019	24.2	58.0	02.5	1.50
2	11/05/2019	21.7	56.5	03.0	1.20
3	04/06/2019	26.0	60.4	02.0	2.20
4	09/07/2019	24.8	57.4	03.5	1.60
5	16/08/2019	23.5	62.0	03.0	1.80
6	05/09/2019	22.6	59.6	03.5	1.60
	Min.	**21.7**	**56.5**	**02.0**	**1.20**
	Max.	**24.8**	**62.0**	**03.5**	**2.20**
	TWA Concentration Limit from Factory act.1948	**100 ppm**	**1000 ppm**	**10 ppm**	**05 ppm**

Fugitive emission was carried out by NABL accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat. (**NABL Certificate No. TC- 6603 (in lieu of T02013) dated 26/10/2017 valid until: 25/10/2019**

iv	Solvent management shall be carried out as follows: i. Reactor shall be connected to chilled brine condenser system. ii. Reactor and solvent handling pump shall	We are using toluene as solvent and provided adequate solvent recovery system to achieve > 95% of recovery. The details of solvent recovery plant as under; All the reactors are connected to the double condenser with chilled water and brine. We have provided mechanical seal to all solvent handling pumps to prevent

	have mechanical seals to prevent leakages. iii. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery. iv. Solvents shall be stored in a separate space specified with all safety measures. v. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. vi. Entire plant shall be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses. vii. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	leakages. We have provided sufficient HTA to condensers to achieve more than 95% of solvent recovery. We have provided isolated storage tanks for the storage of solvent. We have provided proper earthing to the storage tanks and in all the electrical equipment wherever solvent handling is done. We have provided flame proof units and also provided breather valve to storage tank to prevent losses. All the storage tanks are connected to the double condenser with chilled water and brine We are regularly monitored VOC level through NABL Accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat. Summary of the results are as under;

No.	Date	Results	Permissible Limits as per factory act rules
1	07/04/2019	17.20	**160**
2	11/05/2019	15.80	
3	04/06/2019	16.40	
4	09/07/2019	14.80	
5	16/08/2019	12.70	
6	05/09/2019	13.00	
	Min.	**12.70**	
	Max.	**17.20**	

- **All Results are in microgram/m3**

VOC monitoring was carried out by M/S Ecosystem Resource Management Pvt. Limited, Surat. (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 26/10/2017 valid until: 25/10/2019

v	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to	We have provided 11 meters height of chimney to D G set as per formula issued by CPCB H = h+0.2x ÖKVA and disperse the gaseous emission through chimney. We have provided acoustic enclosure to the

	mitigate the noise pollution.	D G set to minimize the noise pollution.
vi	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall updates the same periodically. It shall simultaneously be sent to the Regional office of MoEF, the respective Zonal office of CPCB and the GPCB. The levels of PM_{10}, SO2, NO_x, Co_x, VOC and CO, in ambient air and emission from the stack shall be monitored and displayed at a convenient location near the main gate of company and at important public places.	We have uploaded EC compliance reports with effect from October 2016 in our website: **www.ashacel.com** under Environment Management Title. Besides EC compliance reports, PH proceedings and conditions of EC, related licenses, Environmental Policy, EIA report etc are also uploaded. We have regularly submitted EC compliance report along with monitoring data to Regional office of MoEF, CPCB and GPCB. We are regularly monitored level of PM_{10}, SO_2, NO_x, Co_x, VOC and CO, in ambient air and emission from the stack through NABL accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat on monthly basis. We have provided display board at main gate of the unit indicating monitoring data. Summary of the results are as under;

Ambient Air Monitoring

No.	Date	Location	Results PM 10	Min.	Max.	GPCB Limit
1	07/04/2019	Near Main Gate	90	**45**	**90**	**100**
2	11/05/2019	Near Main Gate	86			
3	04/06/2019	Near Main Gate	82			
4	09/07/2019	Near Main Gate	52			
5	16/08/2019	Near Main Gate	48			
6	05/09/2019	Near Main Gate	45			
7	07/04/2019	Near ETP	72	**42**	**72**	**100**
8	11/05/2019	Near ETP	65			
9	04/06/2019	Near ETP	68			
10	09/07/2019	Near ETP	48			
11	16/08/2019	Near ETP	46			
12	05/09/2019	Near ETP	42			

No.	Date	Location	Results PM 2.5	Min.	Max.	GPCB Limit
1	07/04/2019	Near Main Gate	53	**26**	**53**	**60**
2	11/05/2019	Near Main Gate	51			
3	04/06/2019	Near Main Gate	48			

4	09/07/2019	Near Main Gate	30			
5	16/08/2019	Near Main Gate	28			
6	05/09/2019	Near Main Gate	26			
7	07/04/2019	Near ETP	42	**24**	**42**	**60**
8	11/05/2019	Near ETP	38			
9	04/06/2019	Near ETP	39			
10	09/07/2019	Near ETP	28			
11	16/08/2019	Near ETP	27			
12	05/09/2019	Near ETP	24			

No.	Date	Location	Results SO2	Min.	Max.	GPCB Limit
1	07/04/2019	Near Main Gate	20	**14**	**22**	**80**
2	11/05/2019	Near Main Gate	22			
3	04/06/2019	Near Main Gate	19			
4	09/07/2019	Near Main Gate	17			
5	16/08/2019	Near Main Gate	15			
6	05/09/2019	Near Main Gate	14			
7	07/04/2019	Near ETP	13	**10**	**17**	**80**
8	11/05/2019	Near ETP	15			
9	04/06/2019	Near ETP	17			
10	09/07/2019	Near ETP	12			
11	16/08/2019	Near ETP	10			
12	05/09/2019	Near ETP	14			

No.	Date	Location	Results NOx	Min.	Max.	GPCB Limit
1	07/04/2019	Near Main Gate	26	**21**	**29**	**80**
2	11/05/2019	Near Main Gate	29			
3	04/06/2019	Near Main Gate	24			
4	09/07/2019	Near Main Gate	22			
5	16/08/2019	Near Main Gate	21			
6	05/09/2019	Near Main Gate	22			
7	07/04/2019	Near ETP	15	**14**	**19**	**80**
8	11/05/2019	Near ETP	17			
9	04/06/2019	Near ETP	19			
10	09/07/2019	Near ETP	15			
11	16/08/2019	Near ETP	14			
12	05/09/2019	Near ETP	18			

- **All Results are in microgram/m3**

Ambient air monitoring was carried out by NABL accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 26/10/2017 valid until: 25/10/2019

Flue gas emission

No.	Date	Boiler Stack			D.G.Set (110 KVA)			D.G.Set (35 KVA)		
		PM mg/ Nm3	**SO2** ppm	**NOx** ppm	**PM** mg/ Nm3	**SO2** ppm	**NOx** ppm	**PM** mg/ Nm3	**SO2** mg/ Nm3	**NOx** mg/ Nm3
1	07/04/2019	72.60	22.80	07.37	66.20	20.20	08.14	60.00	19.60	07.43
2	11/05/2019	78.20	25.50	08.56	68.70	21.70	08.72	62.40	20.20	07.92
3	04/06/2019	75.00	24.20	07.82	65.70	19.80	08.06	58.50	18.80	06.92
4	09/07/2019	77.10	25.00	08.40	70.00	22.20	09.12	62.00	19.80	07.80
5	16/08/2019	79.80	26.30	08.96	67.60	20.90	08.35	57.40	18.50	06.52
6	05/09/2019	82.00	26.80	09.12	68.00	21.40	08.64	59.60	19.20	07.22
	Min.	**72.60**	**22.80**	**07.37**	**65.70**	**19.80**	**08.06**	**57.40**	**18.50**	**06.52**
	Max.	**82.00**	**26.80**	**09.12**	**70.00**	**22.20**	**09.12**	**62.40**	**20.20**	**07.92**
	G.P.C.B. Limits	**150**	**100**	**50**	**150**	**100**	**50**	**150**	**100**	**50**

No.	Date	Dryer-1	Dryer-2	Hot Air Generator-1			Hot Air Generator-1		
		PM mg/Nm3	**PM** mg/Nm3	**PM** mg/ Nm3	**SO2** ppm	**NOx** ppm	**PM** mg/ Nm3	**SO2** ppm	**NOx** ppm
1	07/04/2019	11.80	13.00	12.00	06.90	09.02	15.20	09.10	10.03
2	11/05/2019	10.60	12.60	14.60	07.70	10.34	16.70	09.80	10.88
3	04/06/2019	12.30	14.70	11.80	06.20	08.92	13.50	07.90	09.16
4	09/07/2019	12.70	13.80	12.30	07.20	09.42	13.80	08.20	09.35
5	16/08/2019	14.50	16.00	10.80	05.80	08.66	14.60	08.70	09.72
6	05/09/2019	13.60	15.20	13.60	07.40	09.82	15.40	09.50	10.24
	Min.	**10.60**	**12.60**	**10.80**	**05.80**	**08.66**	**13.50**	**07.90**	**09.16**
	Max.	**14.50**	**16.00**	**14.60**	**07.70**	**10.34**	**16.70**	**09.80**	**10.88**
	G.P.C.B. Limits	**150**	**150**	**150**	**100**	**50**	**150**	**100**	**50**

Flue gas emission and process gas emission monitoring was carried out by NABL accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 26/10/2017 valid until: 25/10/2019

vii

Total fresh water requirement from ground water source should not exceed 52.7 m^3/ day and prior permission should be obtained from the CGWA/SGWA.

We are using fresh water from our own bore well. We have used average 38.02 m^3/day of fresh water from our own bore well. To calculate water consumption, we have provided flow meter at the bore well. Details of water consumption for six months are as under;

S. No.	Month	Water consumption, Kl	
		Per month	Per day
1	**April-19**	715	**27.50**
2	**May-19**	618	**22.88**

3	**June-19**	134	**26.8**
4	**July-19**	451	**16.70**
5	**Aug-19**	694	**26.69**
6	**Sep-19**	704	**28.16**
	Total	**3316**	**148.73**
	Average	**553**	**25**

Our area was not covered under dark zone of CGWA. So we have not applied for permission of CGWA. Now it is mandatory to take permission of CGWA and we will apply for permission of CGWA.

We are maintaining printed log book for bore well water consumption. We have provided water flow meter at pump discharge line to calculate water consumption. Scan copies of daily and monthly details are attached herewith.

PRINTED LOG BOOK

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month : APRIL

Page No. : 49

Date	Meter Reading	Qty. Drawn Kl	Remark
01/04/19	82375	20	P.G. Pathy
02/04/19	82415	20	P.G. Pathy
03/04/19	82435	27	P.G. Pathy
04/04/19	82462	20	P.G. Pathy
05/04/19	82482	33	P.G. Pathy
06/04/19	82515	40	P.G. Pathy
07/04/19	82555	0 w/of	Sunday Holiday
08/04/19	82555	13	Attaur
09/04/19	82569	40	Attaur
10/04/19	82609	33	Attaur
11/04/19	82642	33	Attaur
12/04/19	82676	40	Attaur
13/04/19	82716	33	Attaur
14/04/19	82749	0 w/of	Sunday Holiday
15/04/19	82749	20	Pitabas
16/04/19	82769	33	Pitabas
17/04/19	82802	33	Pitabas
18/04/19	82836	27	Pitabas
19/04/19	82863	20	Pitabas
20/04/19	82883	40	Pitabas
21/04/19	82893	0 w/of	Sunday Holiday
22/04/19	82943	20	P.G. Pathy
23/04/19	82976	33	P.G. Pathy
24/04/19	82976	40	P.G. Pathy
25/04/19	83016	20	P.G. Pathy
26/04/19	83036	20	P.G. Pathy

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month - APRI-19

Page No. : 50

Date	Meter Reading	Qty. Drawn Kl	Remark
27/04/19	83056	27	P.G. Pathy
28/04/19	83083	0 w/of	Sunday Holiday
29/04/19	83083	0	Attaur
30/04/19	83083	27	Attaur
		715	
	Average	37.5	
	Maximum	40	
	Minimum	13	
			01/05/19

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month - May '19

Page No.: 51

Date	Meter Reading	Qty. Drawn Kl	Remark
01/5/19	83110	13	Himan
02/05/19	83123	20	Himan
03/05/19	83143	27	Himan
04/05/19	83170	33	Himan
05/05/19	83204	0 w/off	Sunday Holiday
06/05/19	83204	27	Ritesh
07/05/19	83230	27	Ritesh
08/05/19	83257	13	Ritesh
09/05/19	83270	33	Ritesh
10/05/19	83304	40	Ritesh
11/05/19	83344	27	Ritesh
12/05/19	83371	0 w/off	Sunday Holiday
13/05/19	83371	27	P.G.Rohit
14/05/19	83398	33	P.G.Rohit
15/05/19	83431	27	P.G.Rohit
16/05/19	83458	33	P.G.Rohit
17/05/19	83491	27	P.G.Rohit
18/05/19	83517	27	P.G.Rohit
19/05/19	83544	0 w/off	Sunday Holiday
20/05/19	83544	13	Himan
21/05/19	83558	27	Himan
22/05/19	83584	33	Himan
23/05/19	83618	20	Himan
24/05/19	83638	20	Himan
25/05/19	83658	0	Himan
26/05/19	83658	20 w/off	Sunday Holiday

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month - May '19

Page No.: 52

Date	Meter Reading	Qty. Drawn Kl	Remark
27/05/19	83678	15	Ritesh
28/05/19	83693	0	Ritesh
29/05/19	83693	25	Ritesh
30/05/19	83718	0	Ritesh
31/05/19	83718	8	Ritesh
		618	
	Average	22.58	
	Maximum	40	
	minimum	08	
			01/06/19

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month : June '19

Page No.: 53

Date	Meter Reading	Qty. Drawn Kl	Remark
01/06/19	83726	13	Ritesh
02/06/19	83739	0 w/off	Sunday Holiday
03/06/19	83739	13	P.G.Rohit
04/06/19	83752	0	P.G.Rohit
05/06/19	83752	13	P.G.Rohit
06/06/19	83766	0	P.G.Rohit
07/06/19	83766	0	P.G.Rohit
08/06/19	83766	13	P.G.Rohit
09/06/19	83779	0 w/off	Sunday Holiday
10/06/19	83779	0	Himan
11/06/19	83779	0	Himan
12/06/19	83779	0	Himan
13/06/19	83779	0	Himan
14/06/19	83779	0	Himan
15/06/19	83779	0	Himan
16/06/19	83779	0 w/off	Sunday Holiday
17/06/19	83779	0	Ritesh
18/06/19	83779	0	Ritesh
19/06/19	83779	13	Ritesh
20/06/19	83792	0	Ritesh
21/06/19	83792	0	Ritesh
22/06/19	83792	13	Ritesh
23/06/19	83806	0 w/off	Sunday Holiday
24/06/19	83806	13	P.G.Rohit
25/06/19	83812	13	P.G.Rohit
26/06/19	83832	13	P.G.Rohit

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: June '19

Page No.: 54

Date	Meter Reading	Qty. Drawn Kl	Remark
27/06/19	83846	14	P.G.Rohit
28/06/19	83860	0	P.G.Rohit
29/06/19	83860	0	P.G.Rohit
30/06/19	83860	0 w/off	Sunday Holiday
		174	Himan
	Average	26.8	
	Minimum	0.0	
	Maximum	14.0	01/07/19

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: July '19 Page No.: 55

Date	Meter Reading	Qty. Drawn Kl	Remark
01/07/19	83860	0	Hiren
02/07/19	83860	0	Hiren
03/07/19	83860	13	Hiren
04/07/19	83873	0	Hiren
05/07/19	83873	27	Hiren
06/07/19	83900	27	Hiren
07/07/19	83926	0 w/off	Sunday Holiday
08/07/19	83926	27	Ritesh
09/07/19	83953	0	Ritesh
10/07/19	83953	27	Ritesh
11/07/19	83980	0	Ritesh
12/07/19	83980	27	Ritesh
13/07/19	84006	13	Ritesh
14/07/19	84020	0 w/off	Sunday Holiday
15/07/19	84020	27	P.G.Patel
16/07/19	84047	27	P.G.Patel
17/07/19	84073	27	P.G.Patel
18/07/19	84100	27	P.G.Patel
19/07/19	84127	27	P.G.Patel
20/07/19	84153	0	P.G.Patel
21/07/19	84153	0 w/off	Sunday Holiday
22/07/19	84153	27	Hiren
23/07/19	84180	27	Hiren
24/07/19	84207	27	Hiren
25/07/19	84234	27	Hiren
26/07/19	84260	27	Hiren

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: July '19 Page No.: 56

Date	Meter Reading	Qty. Drawn Kl	Remark
27/07/19	84287	24	Hiren
28/07/19	84311	0 w/off	Sunday Holiday
29/07/19	84311	0	Rikin
30/07/19	84311	0	Rikin
31/07/19	84311	0	Dilip
		457	
	Average	16.70	
	Maximum	27.0	
	Minimum	0.0	01/08/19

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: Aug '19 Page No.: 57

Date	Meter Reading	Qty. Drawn Kl	Remark
01/08/19			Meter change (Initial reading 24521)
02/08/19	24521	12	Ritesh Rainwater used
03/08/19	24547	26	Ritesh
04/08/19	24547	0 w/off	Sunday holiday
05/08/19	24615	36	P.G.Patel
06/08/19	24650	35	P.G.Patel
07/08/19	24678	28	P.G.Patel
08/08/19	24698	20	P.G.Patel
09/08/19	24730	32	P.G.Patel
10/08/19	24754	24	P.G.Patel Rainwater used
11/08/19	24754	0 w/off	Sunday Rainwater used holiday
12/08/19	24769	15	Hiren Rainwater used
13/08/19	24799	30	Hiren
14/08/19	24819	20	Hiren Rainwater used
15/08/19	24819	0	Hiren
16/08/19	24851	32	Hiren
17/08/19	24885	34	Hiren
18/08/19	24885	0 off	Ritesh Sunday
19/08/19	24920	35	Ritesh
20/08/19	24950	30	Ritesh Rainwater used
21/08/19	24972	32	Ritesh Rainwater used
22/08/19	25007	25	Ritesh
23/08/19	25067	25	Ritesh
24/08/19	25067	35	Ritesh
25/08/19	25099	0 w/off	Ritesh Sunday
26/08/19	25082	25	P.G.Patel

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: Aug '19 Page No.: 58

Date	Meter Reading	Qty. Drawn Kl	Remark
27/08/19	25107	25	P.G.Patel
28/08/19	25117	10	P.G.Patel
29/08/19	25153	36	P.G.Patel
30/08/19	25177	24	P.G.Patel
31/08/19	25203	26	P.G.Patel
		694	
	Average:	26.69	
	Max	36	
	Min	10	01/09/19

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: Sep'19 Page No.: 59

Date	Meter Reading	Qty. Drawn Kl	Remark
01/09/19	25203	0 w/off	Hiring Sunday
02/09/19	25298	95	Hiring
03/09/19	25270	32	Hiring
04/09/19	25278	8	Hiring
05/09/19	25313	35	Hiring
06/09/19	25343	30	Hiring
07/09/19	25371	28	Hiring
08/09/19	25371	0 w/off	Ritesh Sunday
09/09/19	25403	32	Ritesh
10/09/19	25438	35	Ritesh
11/09/19	25448	10	Ritesh
12/09/19	25484	35	Ritesh
13/09/19	25511	28	Ritesh
14/09/19	25546	35	Ritesh
15/09/19	25546	0 w/off	P.G.Bhatel Sunday
16/09/19	25578	32	P.G.Bhatel
17/09/19	25612	34	P.G.Bhatel
18/09/19	25627	15	P.G.Bhatel
19/09/19	25662	35	P.G.Bhatel
20/09/19	25690	28	P.G.Bhatel
21/09/19	25718	28	P.G.Bhatel
22/09/19	25718	0 w/off	P.G.Bhatel Sunday
23/09/19	25746	28	Hiring
24/09/19	25766	20	Hiring
25/09/19	25801	35	Hiring
26/09/19	25826	25	Hiring

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: Sep'19 Page No.: 60

Date	Meter Reading	Qty. Drawn Kl	Remark
27/09/19	25846	20	Hiring
28/09/19	25872	26	Hiring
29/09/19	25872	0 w/off	Ritesh Sunday
30/09/19	25907	35	Ritesh
		704	
	Average	28.16	
	Max	35	
	Min	08	01/10/19

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: oct'19 Page No.: 61

Date	Meter Reading	Qty. Drawn Kl	Remark
01/10/19	25927	20	Ritesh
02/10/19	25962	35	Ritesh
03/10/19	25994	32	Ritesh
04/10/19	26029	35	Ritesh
05/10/19	26064	35	Ritesh
06/10/19	26064	0 w/off	P.G.Bhatel Sunday
07/10/19	26092	28	P.G.Bhatel
08/10/19	26119	27	P.G.Bhatel
09/10/19	26151	32	P.G.Bhatel
10/10/19	26173	22	P.G.Bhatel
11/10/19	26209	36	P.G.Bhatel
12/10/19	26244	35	P.G.Bhatel
13/10/19	26244	0 w/off	P.G.Bhatel Sunday
14/10/19	26272	28	Hiring
15/10/19	26272	0	Hiring
16/10/19	26297	25	Hiring
17/10/19	26331	34	Hiring
18/10/19	26363	32	Hiring
19/10/19	26398	35	Hiring
20/10/19	26398	0 w/off	Ritesh Sunday
21/10/19	26432	34	Ritesh
22/10/19	26466	34	Ritesh
23/10/19	26497	31	Ritesh
24/10/19	26533	36	Ritesh
25/10/19	26565	32	Ritesh
26/10/19	26593	32	P.G.Bhatel

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: oct'19 Page No.: 62

Date	Meter Reading	Qty. Drawn Kl	Remark
27/10/19	26593	0	P.G.Bhatel Holiday (Sunday)
28/10/19	26593	0	P.G.Bhatel & Holiday
29/10/19	26593	0	P.G.Bhatel Holiday
30/10/19	26629	32	P.G.Bhatel
		722	
	Average	30	
	Max	36	
	Min	20	
			01/11/19

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: Nov '19 — Page No.: 63

Date	Meter Reading	Qty. Drawn Kl	Remark
01/11/19	26649	20	P.G.Patel
02/11/19	26664	15	P.G.Patel
03/11/19	26677	13	Himu
04/11/19	26709	32	Himu — Sunday
05/11/19	26737	28	Himu
06/11/19	26750	23	Himu
07/11/19	26776	26	Himu
08/11/19	26809	33	Himu
09/11/19	26832	23	Himu
10/11/19	26864	32	Ritesh — Sunday
11/11/19	26899	35	Ritesh
12/11/19	26916	17	Ritesh
13/11/19	26942	26	Ritesh
14/11/19	26974	32	Ritesh
15/11/19	26996	22	Ritesh
16/11/19	27030	34	Ritesh
17/11/19	27056	26	Himu — Sunday
18/11/19	27088	32	Himu
19/11/19	27114	26	P.G.Patel
20/11/19	27144	30	P.G.Patel
21/11/19	27168	24	P.G.Patel
22/11/19	27202	34	P.G.Patel
23/11/19	27226	24	Ritesh
24/11/19	27239	13	Ritesh
25/11/19	27263	26	Ritesh
26/11/19	27281	16	Ritesh — Sunday

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: Nov '19 — Page No.: 64

Date	Meter Reading	Qty. Drawn Kl	Remark
27/11/19	27302	21	Himu
28/11/19	27324	22	Himu
29/11/19	27342	18	Himu
30/11/19	27362	20	Himu
		733	
	Average	24.43	
	Max	35	
	min	13	
			01/12/19

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month Dec '19 — Page No.: 65

Date	Meter Reading	Qty. Drawn Kl	Remark
01/12/19	54655	30	Himu — Sunday
02/12/19	54685	29	Himu
03/12/19	54714	28	Himu
04/12/19	54742	30	Himu
05/12/19	54772	31	Himu
06/12/19	54803	26	Himu
07/12/19	54829	27	Himu
08/12/19	54856	24	Himu — Sunday
09/12/19	54880	26	Himu
10/12/19	54906	28	P.G.Patel
11/12/19	54934	30	P.G.Patel
12/12/19	54964	29	P.G.Patel
13/12/19	54993	28	P.G.Patel
14/12/19	55021	27	P.G.Patel
15/12/19	55048	26	P.G.Patel — Sunday
16/12/19	55074	25	Himu
17/12/19	55099	24	Himu
18/12/19	55123	23	Himu
19/12/19	55146	23	Himu
20/12/19	55175	28	P.G.Patel
21/12/19	55203	27	P.G.Patel
22/12/19	55232	28	P.G.Patel — Sunday
23/12/19	55260	27	P.G.Patel
24/12/19	55287	26	Himu
25/12/19	55313	28	Himu
26/12/19	55341	29	Himu

ASHA CELLULOSE (I) PVT. LTD.
BORWELL WATER CONSUMPTION

Month: Dec '19 — Page No.: 66

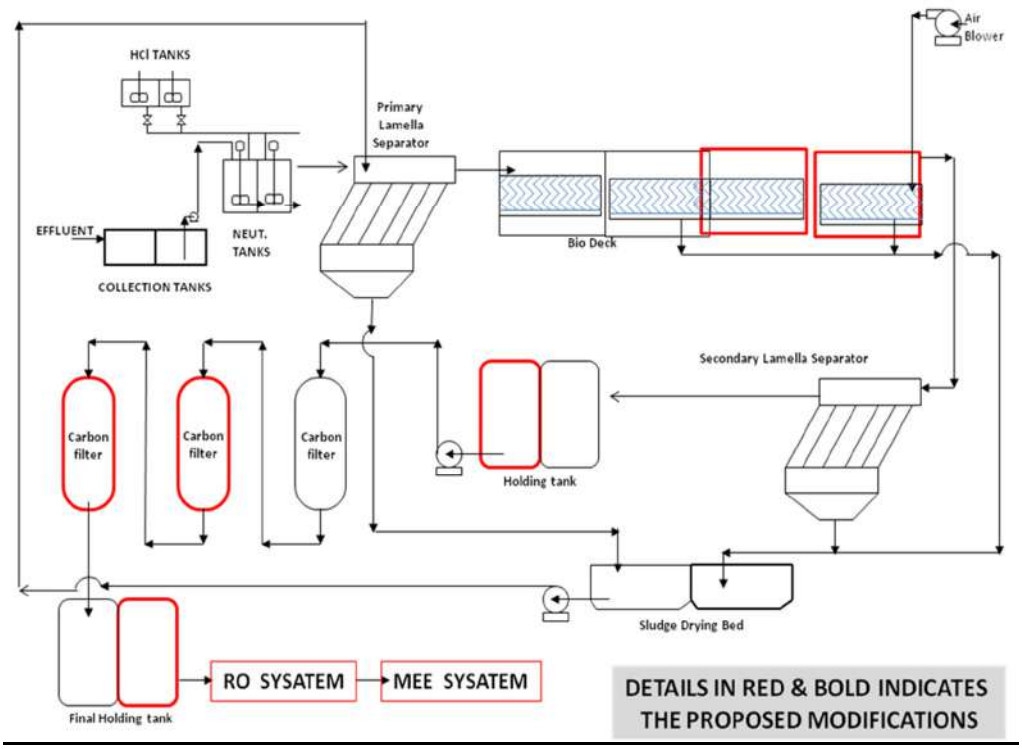
Date	Meter Reading	Qty. Drawn Kl	Remark
27/12/19	55310	30	Himu
28/12/19	55400	31	Himu
29/12/19	55431	28	Himu — Sunday
30/12/19	55459	27	Himu
31/12/19	55486	26	Himu
		857	
	Average:	27.65	
	mini	23	
	max	31	01/01/2020

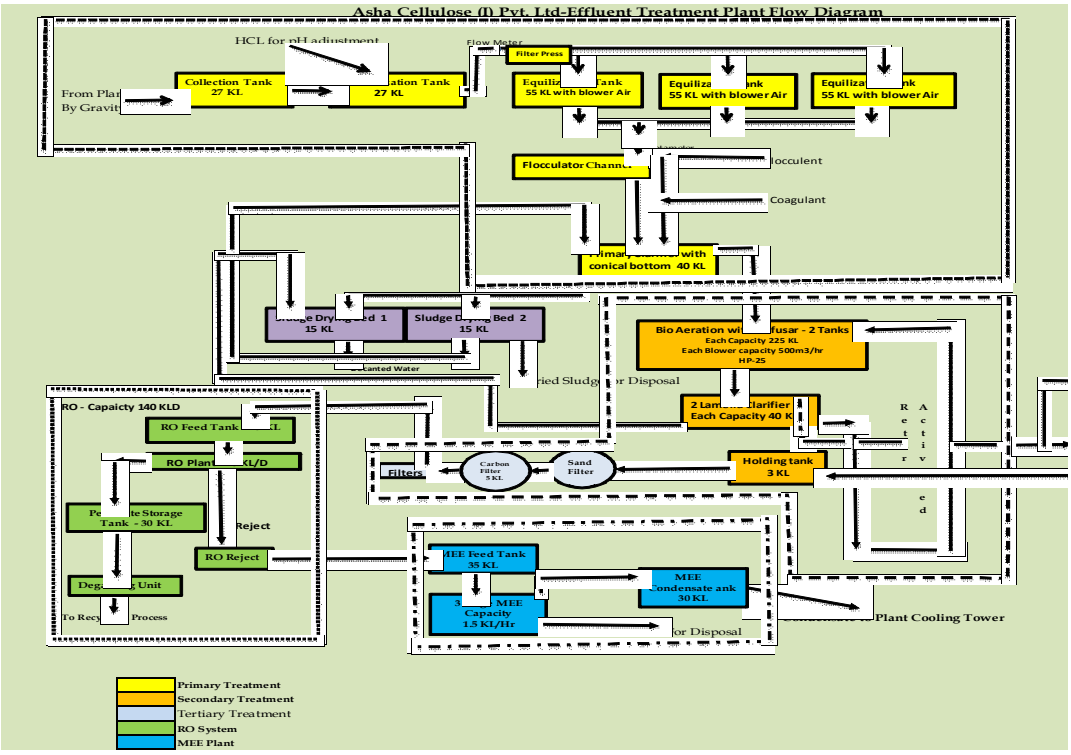
viii	Total effluent generations shall not exceed 240.5 m^3/day. Effluent shall be should be treated in ETP comprising primary, secondary and tertiary treatment (RO). RO rejects will be evaporated in MEE. The RO permeates and MEE condensate shall be recycled in the process.	We have generated average 144.3 m3/day of industrial effluent. We have provided primary, secondary and tertiary effluent treatment plant and RO/MEE to treat entire industrial effluent. RO rejected effluent is taken to MEE. RO permeate and MEE condensate is recycle in the process. We are maintaining printed log book for generation and treatment of industrial effluent. We have provided flow meter at the inlet of ETP, RO and MEE plants. Scan copies of effluent generation daily and monthly details are attached herewith.

DETAILS OF ETP, RO AND MEE

Sr. No.	Particulars	Capacity, m3	MOC
1	Collection Tank	205	RCC
2	Neutralization Tank	40	RCC
3	Floculator	7	MSRL
4	Primary lamella separator with tube deck	26	MSRL
5	Sludge drying bed	30	Brick Masonry
6	Aeration tank with tube deck packing	526	RCC
7	Secondary Lamella separator with tube deck	26	MSRL
8	Holding tank	30	RCC
9	Activated carbon bed	6 m3	MSRL
10	Sand bed filter	6 m3	MSRL
11	Final treated water holding tank	111	RCC
12	RO System	12 m3/hr	PP
13	RO Rejection collection tank	22	RCC
14	MEE system	1.5 m3/hr	MS
15	Final RO permeate & MEE condensate collection tank	50	RCC

FLOW DIAGRAM OF POPOSED MODIFIED EFFLUENT TREATMENT PLANT





EFFLUENT GENERATION LOGBOOK

ASHA CELLULOSE (I) PVT. LTD.

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EFFLUENT GENERATION LOG

Page No. : 350

Apsil - 2019

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
1-4-19	126493	65	Patel	
2-4-19	126558	64	Smit	
3-4-19	126622	63	Smit	
4-4-19	126685	64	Smit	
5-4-19	126749	66	Smit	
6-4-19	126815	64	Smit	
7-4-19	126815	0	—	
8-4-19	126879	65	Jiral	
9-4-19	126944	62	Jiral	
10-4-19	127006	61	Jiral	
11-4-19	127067	64	Jiral	
12-4-19	127131	63	Jiral	
13-4-19	127194	65	Jiral	
14-4-19	127194	0	—	
15-4-19	127259	64	Smit	
16-4-19	127323	62	Smit	
17-4-19	127385	65	Smit	
18-4-19	127450	66	Smit	
19-4-19	127516	64	Smit	
20-4-19	127580	62	Smit	
21-4-19	127580	0	—	
22-4-19	127642	65	A.N. Patel	
23-4-19	127707	67	A.N. Patel	
24-4-19	127774	62	A.N. Patel	
25-4-19	127836	64	A.N. Patel	
26-4-19	127900	62	A.N. Patel	

ASHA CELLULOSE (I) PVT. LTD.

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EFFLUENT GENERATION LOG

Page No. : 351

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
27-4-19	127962	64	A.N. Patel	
28-4-19	127962	0	—	
29-4-19	128026	64	Jiral	
30-4-19	128090	65	Jiral	
1-5-19	128155			
	Average	63.92		

ASHA CELLULOSE (I) PVT. LTD.

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EFFLUENT GENERATION LOG

Page No. : 352

May 2019

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
01-05-2019	128155	50	A.N. Patel	
02-05-2019	128205	65	A.N. Patel	
03-05-2019	128270	60	A.N. Patel	
04-05-2019	128330	64	A.N. Patel	
05-05-2019	0	0	—	
06-05-2019	128394	52	A.N. Patel	
07-05-2019	128446	64	A.N. Patel	
08-05-2019	128510	45	A.N. Patel	
09-05-2019	128555	52	A.N. Patel	
10-05-2019	128607	60	A.N. Patel	
11-05-2019	128667	42	A.N. Patel	
12-05-2019	0	0	0	
13-05-2019	128709	46	A.N. Patel	
14-05-2019	128755	44	A.N. Patel	
15-05-2019	128799	55	A.N. Patel	
16-05-2019	128854	40	Smit	
17-05-2019	128904	45	Smit	
18-05-2019	128949	50	Smit	
19-05-2019	0	0	—	
20-05-2019	128999	60	Smit	
21-05-2019	129059	58	Smit	
22-05-2019	129117	56	Smit	
23-05-2019	129173	54	Smit	
24-05-2019	129227	55	Smit	
25-05-2019	129282	52	Smit	
26-05-2019	0	0	—	

ASHA CELLULOSE (I) PVT. LTD.

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EFFLUENT GENERATION LOG

Page No. : 353

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
27-5-2019	129334	51	Jiral	
28-5-2019	129385	52	Jiral	
29-5-2019	129437	56	Jiral	
30-5-2019	129493	55	Jiral	
31-5-2019	129548	55	Jiral	
1-6-2019	129603			
	Average	40.71		

ASHA CELLULOSE (I) PVT. LTD.

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EFFLUENT GENERATION LOG

Page No.: 354

June 2019

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
1-6-2019	129603	20	Jiral	
2-6-2019	129623	0	—	
3-6-2019	129623	15	A.N. Patel	
4-6-2019	129638	0	A.N. Patel	
5-06-2019	129638	30	A.N. Patel	
6-6-2019	129668	0	A.N. Patel	
7-6-2019	129668	0	A.N. Patel	
8-6-2019	129668	16	A.N. Patel	
9-6-2019	129663	0	—	
10-6-2019	129663	0	Smit	
11-6-2019	129663	0	Smit	
12-06-2019	129663	0	Smit	
13-6-2019	129663	0	Smit	
14-6-2019	129663	0	Smit	
15-6-2019	129663	0	Smit	
16-6-2019	129663	0	—	
17-6-2019	129663	0	Jiral	
18-6-2019	129663	0	Jiral	
19-6-2019	129663	25	Jiral	
20-6-2019	129688	0	Jiral	
21-6-2019	129688	0	Jiral	
22-6-2019	129688	30	Jiral	
23-6-2019	129718	0	—	
24-6-2019	129718	50	A.N. Patel	
25-6-2019	129768	20	A.N. Patel	
26-6-2019	129788	39	A.N. Patel	

ASHA CELLULOSE (I) PVT. LTD.

[redacted]

EFFLUENT GENERATION LOG

Page No.: 355

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
27-6-2019	129827	24	A.N. Patel	
28-6-2019	129851	0	A.N. Patel	
29-6-2019	129851	0	A.N. Patel	
30-6-2019	129851	0	—	
1-7-2019	129853			
	Average	8.27		

ASHA CELLULOSE (I) PVT. LTD.

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EFFLUENT GENERATION LOG

Page No.: 356

July 2019

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
1-7-2019	129851	0	Smit	
2-7-2019	129851	0	Smit	
3-7-2019	129851	26	Smit	
4-7-2019	129877	0	Smit	
5-7-2019	129877	52	Smit	
6-7-2019	129929	60	Smit	
7-7-2019	129989	0	—	
8-7-2019	129989	55	Jiral	
9-7-2019	130044	0	Jiral	
10-7-2019	130044	45	Jiral	
11-7-2019	130089	0	Jiral	
12-7-2019	130089	36	Jiral	
13-7-2019	130125	53	Jiral	
14-7-2019	130178	0	—	
15-7-2019	130178	54	A.N. Patel	
16-7-2019	130232	60	A.N. Patel	
17-7-2019	130292	54	A.N. Patel	
18-7-2019	130346	49	A.N. Patel	
19-7-2019	130395	45	A.N. Patel	
20-7-2019	130440	0	A.N. Patel	
21-7-2019	130440	0	—	
22-7-2019	130440	56	Smit	
23-7-2019	130496	45	Smit	
24-7-2019	130541	42	Smit	
25-7-2019	130583	62	Smit	
26-7-2019	130645	53	Smit	

ASHA CELLULOSE (I) PVT. LTD.

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EFFLUENT GENERATION LOG

Page No.: 357

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
27-7-2019	130698	44	Smit	
28-7-2019	130742	0	—	
29-7-2019	130742	0	Jiral	
30-7-2019	130742	0	Jiral	
31-7-2019	130742	0	Jiral	
1-8-2019	130742			
	Average	28.74		

ASHA CELLULOSE (I) PVT. LTD.

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EFFLUENT GENERATION LOG Page No. : 358

August 2019

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
1/8/19	130742	55	Jiral	
2/8/19	130797	50	Jiral	
3/8/19	130847	47	Jiral	
4/8/19	130894	0	—	
5/8/19	130894	50	A.N. Patel	
6/8/19	130944	52	A.N. Patel	
7/8/19	130996	49	A.N. Patel	
8/8/19	131045	47	A.N. Patel	
9/8/19	131092	47	A.N. Patel	
10/8/19	131139	25	A.N. Patel	
11/8/19	131164	0	—	
12/8/19	131164	57	Smit	
13/8/19	131221	49	Smit	
14/8/19	131270	53	Smit	
15/8/19	131323	0	—	
16/8/19	131323	40	Smit	
17/8/19	131363	35	Smit	
18/8/19	131398	0	—	
19/8/19	131398	40	Jiral	
20/8/19	131436	39	Jiral	
21/8/19	131477	45	Jiral	
22/8/19	131522	52	Jiral	
23/8/19	131574	54	Jiral	
24/8/19	131628	55	Jiral	
25/8/19	131683	0	—	
26/8/19	131683	45	A.N. Patel	

ASHA CELLULOSE (I) PVT. LTD.

[redacted]

EFFLUENT GENERATION LOG Page No. : 359

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
27/8/19	131728	48	A.N. Patel	
28/8/19	131776	52	A.N. Patel	
29/8/19	131828	35	A.N. Patel	
30/8/19	131863	30	A.N. Patel	
31/8/19	131893	32	A.N. Patel	
1/9/19	131925			
	Average	38.16		

ASHA CELLULOSE (I) PVT. LTD.

[redacted]

EFFLUENT GENERATION LOG Page No. : 360

September, 2019

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
1/9/19	131925	0	—	
2/9/19	131925	63	Smit	
3/9/19	131988	65	Smit	
4/9/19	132053	64	Smit	
5/9/19	132117	60	Smit	
6/9/19	132177	64	Smit	
7/9/19	132241	65	Smit	
8/9/19	132306	0	—	
9/9/19	132306	70	Jiral	
10/9/19	132376	60	Jiral	
11/9/19	132436	65	Jiral	
12/9/19	132501	62	Jiral	
13/9/19	132563	63	Jiral	
14/9/19	132626	62	Jiral	
15/9/19	132688	0	—	
16/9/19	132688	61	A.N. Patel	
17/9/19	132749	70	A.N. Patel	
18/9/19	132819	68	A.N. Patel	
19/9/19	132887	57	A.N. Patel	
20/9/19	132944	55	A.N. Patel	
21/9/19	132999	64	A.N. Patel	
22/9/19	133063	0	—	
23/9/19	133063	63	Smit	
24/9/19	133126	63	Smit	
25/9/19	133189	50	Smit	
26/9/19	133239	59	Smit	

ASHA CELLULOSE (I) PVT. LTD.

[redacted]

EFFLUENT GENERATION LOG Page No. : 361

Date	Meter Reading	Qty, Drawn Kl	Sign	Remark
27/9/19	133298	62	Smit	
28/9/19	133360	64	Smit	
29/9/19	133424	0	—	
30/9/19	133424	65	Jiral	
1/10/19	133489			
	Average	52.13		

ix	'Zero' effluent discharge shall be adopted and no effluent will be discharged outside the premises.	We have adopted zero liquid discharge by installing primary, secondary, tertiary ETP, Reverse Osmosis and Multi effect evaporation system. We are not discharging any industrial effluent out side the factory premises. We are regularly monitored sewage effluent, ETP inlet, ETP out let RO permeate, MEE Condensate through NABL accredited laboratory M/S Eco resource management pvt. Limited, Surat on monthly basis. Summary of the results are as under;

Sewage Sample

No.	Date	Parameters & Results			
		pH	Suspended Solids (mg/L)	BOD (3days 27°C) (mg/L)	Residual Chlorine (ppm)
1	07/04/2019	8.32	22	11	0.70
2	11/05/2019	8.22	18	10	0.80
3	04/06/2019	8.40	20	10	0.65
4	09/07/2019	7.88	17	08	0.72
5	16/08/2019	7.92	15	09	0.63
6	05/09/2019	8.16	20	09	0.75
	Min.	**7.88**	**15**	**08**	**0.63**
	Max.	**8.40**	**22**	**11**	**0.80**
	G.P.C.B. Limits	**-**	**Less than 30 mg/L.**	**Less than 20 mg/L.**	**Minimum 0.5 ppm**

Effluent Analysis (R.O. Permeate)

			Month wise Results							
No	**Parameters**	**Unit**	**7/4/19**	**11/5/19**	**4/6/19**	**9/7/19**	**16/8/19**	**5/9/19**	**Min.**	**Max.**
1	Colour	Pt.co.	00	05	00	05	05	00	**00**	**05**
2	Temp.	°C	26	27	27	25	25	26	**25**	**27**
3	pH	unit	6.72	6.88	6.96	7.04	6.72	7.12	**6.72**	**7.12**
4	S.S.	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	**N.D.**	**N.D.**
5	T.D.S.	mg/l	78	82	87	80	84	86	**78**	**87**
6	COD	mg/l	10.80	12.60	09.80	12.60	14.40	11.20	**9.80**	**14.40**
7	Chlorides	mg/l	55	60	63	58	61	63	**55**	**63**
8	Oil/Grease	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	**N.D.**	**N.D.**
9	Sulphates	mg/l	16	19	20	15	18	20	**15**	**20**
10	NH3-N	mg/l	3.40	5.20	5.20	4.80	3.40	4.20	**3.40**	**5.20**
11	Phenolic comp.	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	**N.D.**	**N.D.**

Effluent Analysis (Condensate water from MEE)

			Month wise Results		

No.	Parameters	Unit	7/4/19	11/5/19	4/6/19	9/7/19	16/8/19	5/9/19	Min.	Max.
1	Colour	Pt.co.	10	10	05	10	15	05	**05**	**15**
2	Temp.	ºC	34	35	32	35	33	35	**32**	**35**
3	pH	unit	6.88	7.12	7.36	6.94	7.08	7.22	**6.88**	**7.36**
4	S.S.	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	**N.D.**	**N.D.**
5	T.D.S.	mg/l	40	36	32	38	35	38	**32**	**40**
6	COD	mg/l	324	307	317	288	276	280	**276**	**324**
7	BOD	mg/l	106	100	104	94	88	96	**88**	**106**
8	Chlorides	mg/l	26	24	21	24	22	24	**21**	**26**
9	Oil/Grease	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	**N.D.**	**N.D.**
10	Sulphates	mg/l	11	08	06	10	08	09	**06**	**11**
11	NH3-N	mg/l	4.6	4.6	5.8	7.2	6.4	5.8	**4.6**	**7.2**
12	Phenolic comp.	mg/l	0.06	0.04	0.07	0.05	0.03	0.05	**0.03**	**0.07**

Effluent Analysis (E.T.P. Outlet)

			Month wise Results								
No.	**Parameters**	**Unit**	**7/4/19**	**11/5/19**	**4/6/19**	**9/7/19**	**16/8/19**	**5/9/19**	**Min.**	**Max.**	**Limits**
1	Colour	Pt.co.	60	75	70	45	40	40	**40**	**75**	**100**
2	Temp.	ºC	28	27	27	26	26	26	**26**	**28**	**40**
3	pH	unit	7.52	7.24	7.60	8.34	7.92	7.30	**7.24**	**8.34**	**6.5-8.5**
4	S.S.	mg/l	40	45	42	32	35	38	**32**	**45**	**100**
5	T.D.S.	mg/l	1190	1180	1186	952	968	957	**952**	**1190**	**2100**
6	COD	mg/l	145	132	140	105	98	102	**98**	**145**	**250**
7	BOD	mg/l	29	27	28	25	23	24	**23**	**29**	**30**
8	Chlorides	mg/l	548	526	530	464	470	460	**460**	**548**	**600**
9	Oil/Grease	mg/l	1.30	1.30	1.00	0.80	1.10	1.20	**0.80**	**1.30**	**10**
10	Sulphates	mg/l	434	422	430	338	345	340	**338**	**434**	**1000**
11	NH3-N	mg/l	10.2	9.6	8.4	10.2	7.2	7.2	**7.2**	**10.2**	**50**
12	Phenolic comp.	mg/l	0.08	0.06	0.07	0.04	0.03	0.05	**0.03**	**0.08**	**01**

Effluent Analysis (E.T.P. Inlet)

			Month wise Results							
No.	**Parameters**	**Unit**	**7/4/19**	**11/5/19**	**4/6/19**	**9/7/19**	**16/8/19**	**5/9/19**	**Min.**	**Max.**
1	Colour	Pt.co.	140	110	120	80	80	90	**80**	**140**
2	Temp.	ºC	32	30	30	28	27	28	**27**	**32**
3	pH	unit	9.62	9.44	9.32	8.75	8.36	9.07	**8.36**	**9.62**
4	S.S.	mg/l	150	162	158	98	104	112	**98**	**162**
5	T.D.S.	mg/l	2860	2880	2850	2620	2650	2600	**2600**	**2880**
6	COD	mg/l	1168	1147	1160	905	912	896	**896**	**1168**
7	BOD	mg/l	356	342	348	276	278	270	**270**	**356**
8	Chlorides	mg/l	1546	1560	1540	1352	1342	1350	**1342**	**1560**
9	Oil/Grease	mg/l	5.20	5.80	6.50	4.80	5.70	6.30	**4.80**	**6.50**
10	Sulphates	mg/l	1113	1138	1107	992	985	990	**985**	**1138**

11	NH3-N	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	**N.D.**	**N.D.**
12	Phenolic comp.	mg/l	0.14	0.10	0.12	0.08	0.07	0.09	**0.07**	**0.14**

Effluent Analysis (R.O. Reject)

			Month wise Results							
No.	**Parameters**	**Unit**	**7/4/19**	**11/5/19**	**4/6/19**	**9/7/19**	**16/8/19**	**5/9/19**	**Min.**	**Max.**
1	Colour	Pt.co.	20	30	20	15	20	30	**15**	**30**
2	Temp.	°C	35	33	31	34	32	32	**31**	**35**
3	pH	unit	9.14	8.76	8.92	9.20	8.80	8.87	**8.76**	**9.20**
4	S.S.	mg/l	26	30	22	25	22	28	**22**	**30**
5	T.D.S.	mg/l	12780	12560	12670	11960	12470	12860	**11960**	**12860**
6	COD	mg/l	824	886	812	795	776	853	**776**	**886**
7	Chlorides	mg/l	8340	8300	8314	8270	8292	8410	**8270**	**8410**
8	Oil/Grease	mg/l	3.50	3.40	3.00	3.20	4.00	3.80	**3.00**	**4.00**
9	Sulphates	mg/l	918	890	896	855	864	937	**855**	**937**
10	NH3-N	mg/l	9.2	8.4	8.4	10.6	9.2	8.4	**8.4**	**10.6**
11	Phenolic comp.	mg/l	0.24	0.20	0.28	0.18	0.16	0.22	**0.16**	**0.28**

Monitoring of waste water is carried out by NABL Accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat. (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 26/10/2017 valid until: 25/10/2019

x	Automatic/ online monitoring system (24 x 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	We are not covered under 17 category of industries and hence online monitoring system is not applicable to us. However we have provided flow meter at the inlet and out let of ETP also flow meter is provided at the recycled point. Photographs of which is enclosed herewith.

		We will put the water consumption, waste water generation and recycled treated effluent data on our web site. We are regularly submitting the water consumption, waste water generation and recycled treated effluent data on GPCB xgn site on monthly basis.
xi	No effluent shall be discharged into river. In the event of failure of any effluent treatment plant adopted by the unit, the organic Chemical plant shall not be restarted until the control measures are rectified to achieve the desired efficiency.	We are not discharging any industrial effluent into River. We have provided adequate capacity of collection tank having capacity of 205 m3. In case of failure of effluent treatment plant we can store the entire effluent into collection tank till the ETP is restart and achieve the desired efficiency. Also there is provision in plant level to store industrial effluent in case of failure of ETP.
xii	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	We have provided separate storm water drain line and industrial effluent drain and ensure that; both the streams are not mixed. To collect storm water we have provided guard pond of 20 m3 capacity.
xiii	Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	We have provided isolated storage for hazardous chemicals like solvents. We have already provided flame arrester on tank farm. We are transferring the solvents through pumps and closed pipe line only.
xiv	As proposed, process organic residue and spent carbon should be sent to cement industries. ETP sludge, process inorganic & evaporation salt should be disposed off to the TSDF.	We are disposing our organic residue, spent carbon for incineration at M/S BEIL, Ankleshwar. For which we are having valid membership of BEIL, Ankleshwar. Copy of membership is enclosed herewith. ETP waste, inorganic waste and MEE waste are regularly dispose off into TSDF of Vapi. For which we are having valid membership of TSDF, Vapi. Copy of membership is enclosed herewith

BHARUCH ENVIRO INFRASTRUCTURE LIMITED

REF: BEIL/ANK/2018 3rd February, 2018

To,
Asha Cellulose (I) Pvt. Ltd.
S. No.303/2 & 302/P,
Near Water Works,
Abrama, Valsad – 396 001

Sub : **Membership Certificate for Common Solid Waste Disposal Facility.**

Dear Sir,

We hereby certify that you have become member of the common Solid/Hazardous Waste Disposal Facility developed by Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar and Dahej. You have booked solid waste quantity **500 MT/ Year** (Original Booked Quantity **325 MT** + Increased Quantity **175 MT**). Your Membership No. is **Oth/039.**

Thanking you,

Yours faithfully,
For, BHARUCH ENVIRO INFRASTRUCTURE LTD.

AUTHORISED SIGNATORY

CIN No.: U45300GJ1997PLC032694
Works Office : Plot No. 9701-19 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 252138, 225228 • Fax : (02646) 222849 • E-mail : panjwanis@mtnhoo.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002,Dist.: Bharuch, (Gujarat)

SMALL SCALE INDUSTRIES ASSOCIATION OF VALSAD DISTRICT

Public Trust Reg. No. F / 367 / Valsad Dt. 15-3-95
Society Act Regn. Guj / 323 / Valsad Dt. 15-3-95
I.P.R: RAJESH DOSHI (02632-(O)236444 (R)245794 (M)98252 75279 Fax : 257879 / 249994

4-6, Saibaba Apt., Opp. Head P.O., Tithal Road, Valsad - 396001.
Phone : (02632) 259503

MAHESH H. SHAH President	CHETAN CHAMPANERI Vice-President	MUKESH DESAI Hon. Secretary	MADHUSUDAN MAHALE Hon. Jt. Secretary	CHANDRAKANT LAD Treasurer
(O) 225555 (R) 253014 (M) 94271 48049	(O) 2379085 (R) 2373085 (M) 98251 19635	(O) 232238/233525 (R) 24202/245196 (M) 94251 55003	(O) 224692 (R) 249092 (M) 9879051759	(O) 234706 (M) 9328322314

DUPLICATE (Mach 22, 2006)

03-05/Pollution-Member/171 **April 18, 2005**

TO WHOM SO EVER IT MAY CONCERN

M/s Asha Cellulose (I) Pvt Ltd
Near Water Works,
Abrama,
Valsad

is a registered member of the Association.

The Association is registered under:

Vapi Waste & Effluent Management Co. Ltd – common solid waste project – Membership No. 362

Gujarat Pollution Control Board – Gandhinagar - Authorisation no. 3516

Subject to rules and regulations of the GPCB/VWEMCL/SSI Asso. Of Valsad District- is hereby permitted to dispose solid waste.

for
S. S. I. ASSOCIATION OF VALSAD DISTRICT.

President

We have enclosed herewith the details of generation, storage and disposal of hazardous waste as per hazardous waste rules 2016 for two years.

Asha Cellulose (I) Pvt Ltd

Near Water Works, Abrama, Valsad

Hazardous Waste Generation & Disposal Details

								Period : 2019-20	
Hazardous Waste Details		**Unit**	**April**	**May**	**June**	**July**	**August**	**September**	**Total**
Salt	Generation	MT	38.185	24.195	11.988	21.455	32.603	44.839	**173.265**
	Disposal	MT	55.105	61.365	NIL	NIL	NIL	NIL	**116.47**
ETP Sludge	Generation	MT	1.615	1.405	0.245	0.820	1.112	1.585	**6.782**
	Disposal	MT	NIL	NIL	7.900	NIL	NIL	NIL	**7.900**
Disposable Containers	Generation	MT	0.235	0.215	0.118	0.196	0.227	0.268	**1.259**
	Disposal	MT	NIL	NIL	0.980	NIL	NIL	NIL	**0.980**
Mixed Solvent	Generation	MT	18.536	15.186	2.785	8.784	12.587	16.793	**74.671**
	Disposal	MT	NIL	NIL	NIL	NIL	NIL	NIL	**0.000**
	Recycle	MT	16.323	15.949	5.59	8.218	12.453	16.385	**74.918**

Scan copies of six monthly online manifests are also enclosed herewith.

Bharuch Enviro Infrastructure Ltd is -Dahej
(Hazardous Waste Manifest)

Manifest No: 864680
08/04/2019

Copy 1

To be forwarded by the occupier to the State Pollution Control Board or Committee.

1	Occupier's Name & Mailing Address: Registration No: oth-039	**23135 - Asha Cellulose (I) Pvt.Ltd** PLOT NO:SHED NO. 303/2, 302/P,VILLAGE-ABRAMA, -,Abrama - 396001 DIST : Valsad, TAL : Valsad , GIDC : Not In Gidc
2	Transporter's Name & Address :	Foram Transport, NAHULI UMERGAO Ph: 02641291129
3	Transporter's Registration No :	BEIL/DAHEJ/CIR/2016/01
4	Vehicle No & Type :	GJ15XX3444 - DUMPER
5	Designated Facility Name & Site Add:	**Bharuch Enviro Infrastructure Ltd is -Dahej[40137]**
6	Facility's Reg No with PCB :	**[40137]**
7	Waste Type :	Land Filling Waste
	Waste Description & Codes :	26.1
9	Total Quantity :	12.975 Metric Tonne Containers: 0
10	Consistency :	Solid
11	Waste Description :	salt

12 Occupier's Certificate : I hereby declare that the contents of the consignment are fully and accurately decribed above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.

ASHA CELLULOSE (I) PVT. LTD.
Near Water Works,
Abrama, Valsad - 396 001.
Name & Stamp of Industry — Date: 08/04/2019 — Signature

For Asha Cellulose (I) Prt. Ltd.
Authorised Signatory

13 Transporter Acknowledgement of Receipt of Wastes

FORAM TRANSPORT
At Post- Nahuli, Tal- Umbergam
Dist- Valsad -396 105

Stamp of: Foram Transport — Date : 08/04/2019 0:00 — Signature

14 Discrepancy Note Space

15 Facility Owner or Operator's Certification of Receipt of Hazardous Waste

Stamp of: Bharuch Enviro Infrastructure Ltd is -Dahej[40137] — Date : — Signature

Sr	Quantity	Hazardous Waste Type
1	12.975	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds

08/04/2019 — 1 (Through XGN) — N I C

Bharuch Enviro Infrastructure Ltd is -Dahej
(Hazardous Waste Manifest)

Manifest No: 873842
24/04/2019

Copy 1

To be forwarded by the occupier to the State Pollution Control Board or Committee.

1	Occupier's Name & Mailing Address: Registration No: OTH-039	**23135 - Asha Cellulose (I) Pvt.Ltd** PLOT NO:SHED NO. 303/2, 302/P,VILLAGE-ABRAMA, -,Abrama - 396001 DIST : Valsad, TAL : Valsad , GIDC : Not In Gidc
2	Transporter's Name & Address :	Foram Transport, AT POST NAHOLI Ph: 9879012099
3	Transporter's Registration No :	BEIL/DAHEJ/SS/070
4	Vehicle No & Type :	GJ21V4064 - DUMPER
5	Designated Facility Name & Site Add:	**Bharuch Enviro Infrastructure Ltd is -Dahej[40137]**
6	Facility's Reg No with PCB :	**[40137]**
7	Waste Type :	Land Filling Waste
	Waste Description & Codes :	26.1
	Total Quantity :	21.250 Metric Tonne Containers: 0
10	Consistency :	Solid
11	Waste Description :	SALT

12 Occupier's Certificate : I hereby declare that the contents of the consignment are fully and accurately decribed above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.

ASHA CELLULOSE (I) PVT. LTD.
Near Water Works,
Abrama, Valsad - 396 001.
Name & Stamp of Industry — Date: 24/04/2019 — Signature

For Asha Cellulose (I) Prt. Ltd.
Authorised Signatory

13 Transporter Acknowledgement of Receipt of Wastes

FORAM TRANSPORT
At. Post: Nahuli, Tal- Umbergam
Dist- Valsad -396 105

Stamp of: Foram Transport — Date : 24/04/2019 0:00 — Signature

14 Discrepancy Note Space

15 Facility Owner or Operator's Certification of Receipt of Hazardous Waste

Stamp of: Bharuch Enviro Infrastructure Ltd is -Dahej[40137] — Date : — Signature

Sr	Quantity	Hazardous Waste Type
1	21.250	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds

24/04/2019 — 1 (Through XGN) — N I C

Bharuch Enviro Infrastructure Ltd is -Dahej
(Hazardous Waste Manifest)

Manifest No: 876932
29/04/2019

Copy 1

To be forwarded by the occupier to the State Pollution Control Board or Committee.

1	Occupier's Name & Mailing Address: Registration No: OTH-039	**23135 - Asha Cellulose (I) Pvt.Ltd** PLOT NO:SHED NO. 303/2, 302/P,VILLAGE-ABRAMA, -,Abrama - 396001 DIST : Valsad, TAL : Valsad , GIDC : Not In Gidc
2	Transporter's Name & Address :	Foram Transport, Nahuli,umargoan Ph: 99091112484
3	Transporter's Registration No :	BEIL/Dahej/FT/042
4	Vehicle No & Type :	GJ06XX1691 - DUMPER
5	Designated Facility Name & Site Add:	**Bharuch Enviro Infrastructure Ltd is -Dahej[40137]**
6	Facility's Reg No with PCB :	**[40137]**
7	Waste Type :	Land Filling Waste
8	Waste Description & Codes :	26.1
	Total Quantity :	20.880 Metric Tonne Containers: 0
10	Consistency :	Solid
11	Waste Description :	SALT

12 Occupier's Certificate : I hereby declare that the contents of the consignment are fully and accurately decribed above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.

ASHA CELLULOSE (I) PVT. LTD.
Near Water Works,
Abrama, Valsad - 396 001.
Name & Stamp of Industry — Date: 29/04/2019 — Signature

For Asha Cellulose (I) Prt. Ltd.
Authorised Signatory

13 Transporter Acknowledgement of Receipt of Wastes

Stamp of: Foram Transport — Date : 29/04/2019 0:00 — Signature

14 Discrepancy Note Space

15 Facility Owner or Operator's Certification of Receipt of Hazardous Waste

Stamp of: Bharuch Enviro Infrastructure Ltd is -Dahej[40137] — Date : — Signature

Sr	Quantity	Hazardous Waste Type
1	20.880	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds

29/04/2019 — 1 (Through XGN) — N I C

Bharuch Enviro Infrastructure Ltd is -Dahej
(Hazardous Waste Manifest)

Manifest No: 878190
01/05/2019

Copy 1

To be forwarded by the occupier to the State Pollution Control Board or Committee.

1	Occupier's Name & Mailing Address: Registration No: OTH-039	**23135 - Asha Cellulose (I) Pvt.Ltd** PLOT NO:SHED NO. 303/2, 302/P,VILLAGE-ABRAMA, -,Abrama - 396001 DIST : Valsad, TAL : Valsad , GIDC : Not In Gidc
2	Transporter's Name & Address :	Foram Transport, NAHULIUMARGAON Ph: 9879012099
3	Transporter's Registration No :	BEIL/ANK/FT/05
4	Vehicle No & Type :	GJ21T4477 - TRUCK
5	Designated Facility Name & Site Add:	**Bharuch Enviro Infrastructure Ltd is -Dahej[40137]**
6	Facility's Reg No with PCB :	**[40137]**
7	Waste Type :	Land Filling Waste
8	Waste Description & Codes :	26.1
	Total Quantity :	15.330 Metric Tonne Containers: 0
10	Consistency :	Solid
11	Waste Description :	SALT

12 Occupier's Certificate : I hereby declare that the contents of the consignment are fully and accurately decribed above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.

ASHA CELLULOSE (I) PVT. LTD.
Near Water Works,
Abrama, Valsad - 396 001.
Name & Stamp of Industry — Date: 01/05/2019 — Signature

For Asha Cellulose (I) Prt. Ltd.
Authorised Signatory

13 Transporter Acknowledgement of Receipt of Wastes

Stamp of: Foram Transport — Date : 01/05/2019 0:00 — Signature

14 Discrepancy Note Space

15 Facility Owner or Operator's Certification of Receipt of Hazardous Waste

Stamp of: Bharuch Enviro Infrastructure Ltd is -Dahej[40137] — Date : — Signature

Sr	Quantity	Hazardous Waste Type
1	15.330	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds

FORAM TRANSPORT
At. Po- Nahuli, Tal- Umbergaon,
Dist- Valsad- 396 105.

01/05/2019 — 1 (Through XGN) — N I C

Bharuch Enviro Infrastructure Ltd is -Dahej
(Hazardous Waste Manifest)

Manifest No: 880036
04/05/2019

Copy 1

To be forwarded by the occupier to the State Pollution Control Board or Committee.

1	Occupier's Name & Mailing Address: Registration No: OTH-039	**23135 - Asha Cellulose (I) Pvt.Ltd** PLOT NO:SHED NO. 303/2, 302/P,VILLAGE-ABRAMA, -,Abrama - 396001 DIST : Valsad, TAL : Valsad , GIDC : Not In Gide
2	Transporter's Name & Address :	Foram Transport, Nahuli,umargoan Ph: 99091112484
3	Transporter's Registration No :	BEIL/Dahej/FT/042
4	Vehicle No & Type :	GJ06XX1691 - DUMPER
5	Designated Facility Name & Site Add:	**Bharuch Enviro Infrastructure Ltd is -Dahej[40137]**
6	Facility's Reg No with PCB :	**[40137]**
7	Waste Type :	Land Filling Waste
	Waste Description & Codes :	26.1
8	Total Quantity :	20.690 Metric Tonne Containers: 0
10	Consistency :	Solid
11	Waste Description :	SALT

12 Occupier's Certificate : I hereby declare that the contents of the consignment are fully and accurately decribed above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.
For Asha Cellulose (I) Pvt. Ltd.
ASHA CELLULOSE (I) PVT. LTD.
Near Water Works,
Abrama, Valsad - 396 001.
Authorised Signatory
Name & Stamp of Industry Date: 04/05/2019 Signature

13 Transporter Acknowledgement of Receipt of Wastes
Stamp of: Foram Transport Date : 04/05/2019 0:00 Signature

14 Discrepancy Note Space

15 Facility Owner or Operator's Certification of Receipt of Hazardous Waste
Stamp of: Bharuch Enviro Infrastructure Ltd is -Dahej[40137] Date : Signature

Sr	Quantity	Hazardous Waste Type
1	20.690	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds

04/05/2019 1 (Through XGN) N 1 C

Bharuch Enviro Infrastructure Ltd is -Dahej
(Hazardous Waste Manifest)

Manifest No: 884211
11/05/2019

Copy 1

To be forwarded by the occupier to the State Pollution Control Board or Committee.

1	Occupier's Name & Mailing Address: Registration No: OTH-039	**23135 - Asha Cellulose (I) Pvt.Ltd** PLOT NO:SHED NO. 303/2, 302/P,VILLAGE-ABRAMA, -,Abrama - 396001 DIST : Valsad, TAL : Valsad , GIDC : Not In Gide
2	Transporter's Name & Address :	Foram Transport, NAHULI UMERGAO Ph: 02841201129
3	Transporter's Registration No :	BEIL/DAHEJ/CIR/2016/01
4	Vehicle No & Type :	GJ15XX3444 - DUMPER
5	Designated Facility Name & Site Add:	**Bharuch Enviro Infrastructure Ltd is -Dahej[40137]**
6	Facility's Reg No with PCB :	**[40137]**
7	Waste Type :	Land Filling Waste
8	Waste Description & Codes :	26.1
9	Total Quantity :	11.730 Metric Tonne Containers: 0
10	Consistency :	Solid
11	Waste Description :	SALT

12 Occupier's Certificate : I hereby declare that the contents of the consignment are fully and accurately decribed above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.
For Asha Cellulose (I) Pvt. Ltd.
ASHA CELLULOSE (I) PVT. LTD.
Near Water Works,
Abrama, Valsad - 396 001.
Authorised Signatory
Name & Stamp of Industry Date: 11/05/2019 Signature

13 Transporter Acknowledgement of Receipt of Wastes
At Post- Nahuli, Tal- Umbergam
Dist- Valsad - 396 105
Stamp of: Foram Transport Date : 11/05/2019 0:00 Signature

14 Discrepancy Note Space

15 Facility Owner or Operator's Certification of Receipt of Hazardous Waste
Stamp of: Bharuch Enviro Infrastructure Ltd is -Dahej[40137] Date : Signature

Sr	Quantity	Hazardous Waste Type
1	11.730	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds

11/05/2019 1 (Through XGN) N 1 C

Bharuch Enviro Infrastructure Ltd is -Dahej
(Hazardous Waste Manifest)

Manifest No: 894003
28/05/2019

Copy 1

To be forwarded by the occupier to the State Pollution Control Board or Committee.

1	Occupier's Name & Mailing Address: Registration No: OTH-039	**23135 - Asha Cellulose (I) Pvt.Ltd** PLOT NO:SHED NO. 303/2, 302/P,VILLAGE-ABRAMA, -,Abrama - 396001 DIST : Valsad, TAL : Valsad , GIDC : Not In Gide
2	Transporter's Name & Address :	Foram Transport, NAHULI,UMARGAON Ph: 9879012099
3	Transporter's Registration No :	BEIL/ANK/FT/05
4	Vehicle No & Type :	GJ21T4477 - TRUCK
5	Designated Facility Name & Site Add:	**Bharuch Enviro Infrastructure Ltd is -Dahej[40137]**
6	Facility's Reg No with PCB :	**[40137]**
7	Waste Type :	Land Filling Waste
8	Waste Description & Codes :	26.1
9	Total Quantity :	13.615 Metric Tonne Containers: 0
10	Consistency :	Solid
11	Waste Description :	SALT

12 Occupier's Certificate : I hereby declare that the contents of the consignment are fully and accurately decribed above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.
For Asha Cellulose (I) Pvt. Ltd.
ASHA CELLULOSE (I) PVT. LTD.
Near Water Works,
Abrama, Valsad - 396 001.
Authorised Signatory
Name & Stamp of Industry Date: 28/05/2019 Signature

13 Transporter Acknowledgement of Receipt of Wastes
Stamp of: Foram Transport Date : 28/05/2019 0:00 Signature

14 Discrepancy Note Space

15 Facility Owner or Operator's Certification of Receipt of Hazardous Waste
FORAM TRANSPORT
At Po- Nahuli, Tal- Umbergaon,
Dist- Valsad- 396 105
Stamp of: Bharuch Enviro Infrastructure Ltd is -Dahej[40137] Date : Signature

Sr	Quantity	Hazardous Waste Type
1	13.615	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds

28/05/2019 1 (Through XGN) N 1 C

IND:CHINTAMANI MAVJIBHAI BARDANWALA
(Hazardous Waste Manifest)

Manifest No: 904496
21/06/2019

Copy 1

To be forwarded by the occupier to the State Pollution Control Board or Committee.

1	Occupier's Name & Mailing Address: Registration No: OTH - 039	**23135 - Asha Cellulose (I) Pvt.Ltd** PLOT NO:SHED NO. 303/2, 302/P,VILLAGE-ABRAMA, -,Abrama - 396001 DIST : Valsad, TAL : Valsad , GIDC : Not In Gide
2	Transporter's Name & Address :	Local Truck, GIDC Vapi Ph: 9724024073
3	Transporter's Registration No :	-
4	Vehicle No & Type :	GJ15XX0237 - TRUCK
5	Designated Facility Name & Site Add:	**IND:CHINTAMANI MAVJIBHAI BARDANWALA**
6	Facility's Reg No with PCB :	-
7	Waste Type :	Recylable Waste
8	Waste Description & Codes :	33.1
9	Total Quantity :	0.980 Metric Tonne Containers: 0
10	Consistency :	Solid
11	Waste Description :	POLYLINERS/BAGS

12 Occupier's Certificate : I hereby declare that the contents of the consignment are fully and accurately decribed above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.
For Asha Cellulose (I) Pvt. Ltd.
ASHA CELLULOSE (I) PVT. LTD.
Near Water Works,
Abrama, Valsad - 396 001.
Authorised Signatory
Name & Stamp of Industry Date: 21/06/2019 Signature

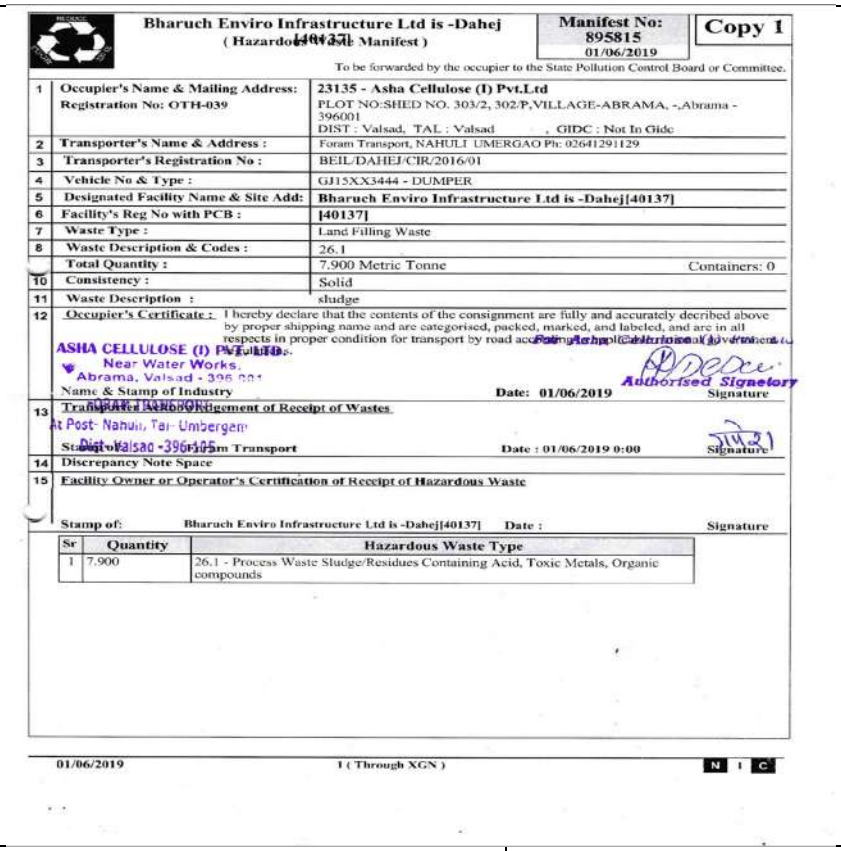
13 Transporter Acknowledgement of Receipt of Wastes
Stamp of: Local Truck Date : 21/06/2019 0:00 Signature

14 Discrepancy Note Space

15 Facility Owner or Operator's Certification of Receipt of Hazardous Waste
Stamp of: IND:CHINTAMANI MAVJIBHAI BARDANWALA Date : Signature

Sr	Quantity	Hazardous Waste Type
1	0.980	33.1 - Empty barrels/containers/liners contaminated with hazardous chemicals /wastes

21/06/2019 1 (Through XGN) N 1 C



Bharuch Enviro Infrastructure Ltd is -Dahej
(Hazardous Waste Manifest)

Manifest No: 895815
01/06/2019

Copy 1

To be forwarded by the occupier to the State Pollution Control Board or Committee.

1	**Occupier's Name & Mailing Address:** **Registration No: OTH-039**	**23135 - Asha Cellulose (I) Pvt.Ltd** PLOT NO:SHED NO. 303/2, 302/P,VILLAGE-ABRAMA, -,Abrama - 396001 DIST : Valsad, TAL : Valsad , GIDC : Not In Gide
2	**Transporter's Name & Address :**	Foram Transport, NAHULI UMERGAO Ph: 02641291129
3	**Transporter's Registration No :**	BEIL/DAHEJ/CIR/2016/01
4	**Vehicle No & Type :**	GJ15XX3444 - DUMPER
5	**Designated Facility Name & Site Add:**	**Bharuch Enviro Infrastructure Ltd is -Dahej[40137]**
6	**Facility's Reg No with PCB :**	**[40137]**
7	**Waste Type :**	Land Filling Waste
8	**Waste Description & Codes :**	26.1
	Total Quantity :	7.900 Metric Tonne Containers: 0
10	**Consistency :**	Solid
11	**Waste Description :**	sludge
12	**Occupier's Certificate :**	I hereby declare that the contents of the consignment are fully and accurately decribed above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.

ASHA CELLULOSE (I) PVT. LTD.
Near Water Works,
Abrama, Valsad - 396 001

Name & Stamp of Industry — Date: 01/06/2019 — Authorised Signatory — Signature

13 **Transporter Acknowledgement of Receipt of Wastes**

At Post- Nahuli, Tal- Umbergam
Dist- Valsad -396135

Stamp of: Foram Transport — Date : 01/06/2019 0:00 — Signature

14 **Discrepancy Note Space**

15 **Facility Owner or Operator's Certification of Receipt of Hazardous Waste**

Stamp of: Bharuch Enviro Infrastructure Ltd is -Dahej[40137] — Date : — Signature

Sr	Quantity	Hazardous Waste Type
1	7.900	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds

01/06/2019 — 1 (Through XGN) — N 1 C

xv	The company shall obtain Authorization of for collection storage and disposal hazardous waste under the hazardous wastes (management handing and trans-boundary movement) Rules, 2008 and amended as on date for management of hazardous wastes and prior permission from GPCB shall be obtained for disposal of solid /hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency.	We have already obtained CCA of the board under water act 1974, air act 1981 and authorization under hazardous waste rule 2016. We have provided in-house fire fighting facilities within the premises in case of emergency.

DETAILS OF FIRE FIGHTING SYSTEM

DETAILS OF FIRE EXTINGUISHERS

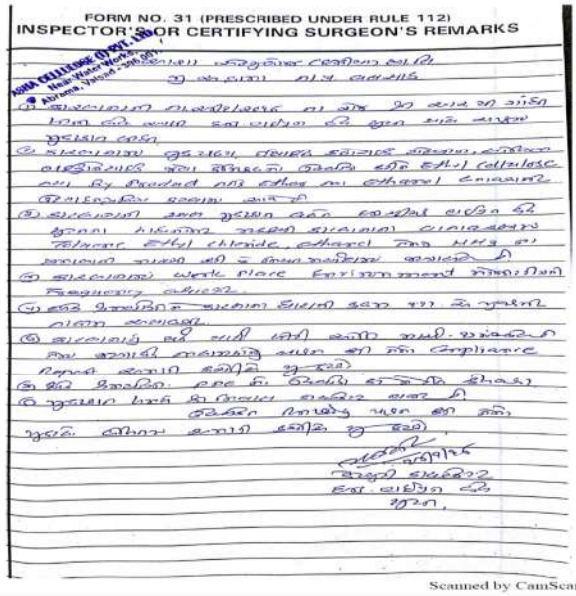
Type	Capacity	Nos.	Other Emergency Services
CO2	4.5 Kgs	23	Fire Water – 150 KL
DCP	10 Kgs	4	No. Of Hydrants- 21 with Hose Boxes
DCP	5 Kgs	26	No. Of Monitor- 01
ABC	10 Kgs	2	Hose Reels – 3 Nos.

ABC	6 Kgs	7	Sand Buckets Stand – 8 Nos.
ABC	4 Kgs	16	Self-Contained Breathing Apparatus- 1 No.
ABC	2 Kgs	2	Emergency Siren
ABC	0.5 Kgs	2	Emergency Communication system thru intercoms
Foam	9 L	13	Provision of 3 Hooter to communicate emergency of hazardous location
Portable Foam Trolley	100 L	1	Fire proxy Suit – 1

Fire Hydrant System:
Availability of water: 100 KL
Electrical Motor: 100 M^3/Hr
Hydrant Points: 22 Nos.
Hose reels: 3 Nos.
Fix Water Monitor: 01

	Fire Fighting Appliances Near Solvent Tank	
	Membership of TSDF for hazardous waste disposal shall be obtained.	We have obtained membership of M/S VGEL, Vapi and M/S BEIL, Ankleshwar.
xvi	The company shall strictly comply with the rules and guidelines under manufacture storage and import of hazardous chemicals (MSIHC) Rules 1989 as amended time to time. All transportation of Hazardous chemicals shall be as per the motor vehicle Act (MVA), 1989.	We are strictly following the rules and regulation of MSIHC rules 1989 as amended time to time. And the same is inspected by factory inspector periodically. We are storing raw materials which are hazardous nature as per applicable MHISC rules. We are not importing and manufacturing any hazardous chemical. Raw material quantity, storage conditions and mode of transport are attached herewith. We are receiving raw materials in dedicated vehicles registered as per MVA 1989. We are transporting our products in registered vehicles with necessary documents.

CERTIFICATE OF FACTORY INSPECTOR



FORM NO. 31 (PRESCRIBED UNDER RULE 112)
INSPECTOR'S OR CERTIFYING SURGEON'S REMARKS

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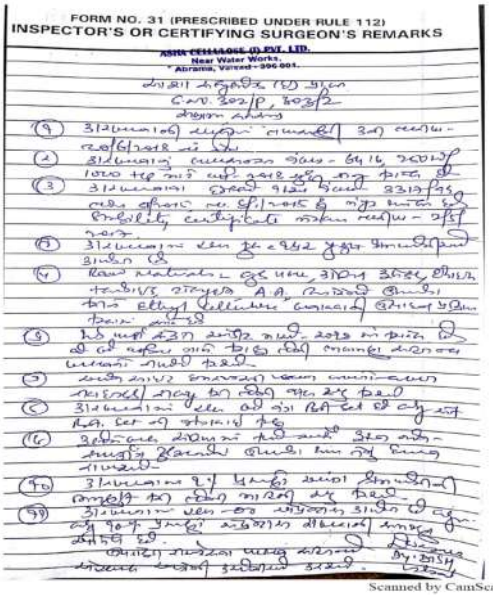


FORM NO. 31 (PRESCRIBED UNDER RULE 112)
INSPECTOR'S OR CERTIFYING SURGEON'S REMARKS

Scanned by CamScanner

MODE OF TRANSPORT

List of the Hazardous Chemicals

Sr. No.	Name of Raw Material	Storage Capacity				Mode of Transport	Measures for Environment Protection	License Requirement
		Type of Container*	Size of Container	No. of Containers	Total Qty			
1.	Caustic Flakes/ Prills	HDPE Woven bags with Poly liners	50 Kgs	1000	50 MT	Receiving by road in dedicated trucks	Dedicated Storage area	Not required
2.	Toluene	MS Storage Tank	15 KL	1	15 KL	Receiving by road in dedicated trucks	Underground Storage Tank with breather valve cum flame arrester	Storage License from PESO is available. Copy attached
3.	30% HCL	FRP Tank	3 KL	2	6 KL	Receiving by road in dedicated tankers	FRP Tank with dyke arrangement	Not required
4.	Ethyl Chloride	Cylinder	600 Kg	24	14.4 MT	Receiving by road in dedicated trucks	600 Kgs. Cylinder in approved dedicated Storage area	Storage License from PESO is in place and copy attached
5.	Acetic Acid	HDPE Carboy	35 L	25	875 L	Receiving by road in dedicated trucks	Carboys are kept in containment	Not required
6.	Ethanol (SDS)	SS Storage tank	15 KL	1	15 KL	Receiving by road in dedicated trucks	Above ground tank with dyke arrangement	License from Prohibition & Excise Dept. is in place. Copy attached.

(1) Inventory control practices in place
(2) Liquid chemicals are handled in close loop
(3) Vent condenser installed for solvent storage
(4) Spill response procedure is in place

xvii	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per norms.	We have taken adequate steps for possible fire hazards during manufacturing process in material handling. We have provided auto control system and auto feeding system for raw materials in process. We have provided adequate fire fighting system as per rules and regulation.
xviii	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the factories act.	We are regularly carried out pre-medical of each worker through private medical officer Dr. Ramesh H Agrawal and maintain the records as per factory act rules. We are regularly conducting medical examination for our employees. Summary reports, Reports of findings, Sample reports of few people are attached herwith.

RECORDS FOR OCUPATIONAL HEALTH & MEDICAL CHECK UP

ASHA CELLULOSE (I) PVT. LTD. DR RAMESH H AGRAWAL
MEDICAL EXAMINATION - JAN, 2019 MBBS, DIH, AFIH
LIST OF THE PEOPLE WITH POSITIVE HEALTH FINDINGS AND TREATMENT ADVICE BY OUR DOCTOR (INDUSTRIAL PHYSICIAN). HOWEVER, NO OCCUPATIONAL DISEASES HAVE BEEN YET DETECTED.

SR_NO	NAME OF PERSON	DEPT	BP	HB	BL_SUG	U_SUG	CLN_DIA1	CLN_DIA2	ADVICE1	ADVICE2	ADVICE3	ADVICE4	ADVICE5	ADVICE6
1	SANJAY C PATEL	QC	120/80	10.50	75	Absent	Anaemia-Mild		Diet rich in Iron to be consumed.	Tab Mebex 1-0-1 x 3 days & rpt after 1wk	Cap Ferricap 0-0-1 (AD) for 3 mt.			
2	RAMESH B PATEL	ADMIN	150/80	8.10	98	Nil	Anaemia-Mild		Diet rich in Iron to be consumed.	Tab Mebex 1-0-1 x 3 days & rpt after 1wk	Cap Ferricap 0-0-1 (AD) for 3 mt.			
3	JAYESH R SURTI	QC	150/100	14.70	78	Nil	BP-W/F	Refractive error.	SRD. Reduced Ghee & Oil in diet.	Regular BP monitoring with FMO & sos Rx	Also to get eye lens.			
4	TRUNAL D PATEL	ETP	150/100	15.30	95	Absent	BP-W/F		SRD. Reduced Ghee & Oil in diet.	Regular BP monitoring with FMO & sos Rx				
5	ARVIND M PATEL	PROD	150/100	15.40	85	Nil	BP-W/F	Refractive error.kc	SRD. Reduced Ghee & Oil in diet.	To stop bad habit strictly.	Regular BP monitoring with FMO & sos Rx	Also Use prescribed eye lens regularly.		
6	SUNIL B PATEL	PROD	130/80	14.80	141	Sugar+++	DM-(borderline)	Refractive error.kc	Diabetic diet. Regular exercise.	To monitor Blood sugar regularly.	Also Use prescribed eye lens regularly.			
7	RAKUL C DESAI	PROD	140/90	15.10	85	Sugar+++	DM+HT-(kc)		Diabetic diet. Regular exercise.SRD	CT Telmikind-H 1-0-0 (ABF)	CT Metamall 500 1-0-0 (BBF)	To monitor BP & Blood sugar regularly.		
8	DEVANG J GHADITALI	PROD	120/80	14.90	184	Sugar+++	DM-kc		Diabetic diet. Regular exercise.	CT GM 1/500 1-0-0 (BBF)	To monitor Blood sugar regularly.			
9	SURESHCHANDRA B PARMAR	SAFETY	140/80	15.20	252	Sugar+++	DM-kc		Diabetic diet. Regular exercise.	To consult physician for DM control.				
10	JIGAR D PATEL	MAINT	120/80	13.60	102	Absent	DM-kc		Diabetic diet. Regular exercise.	To monitor Blood sugar regularly.		See the file.		
11	KANTILAL M PATEL	CONSULT	120/80	13.40	235	sugar+++	DM-kc	CAD-Underwent angioplasty	Diabetic diet. Regular exercise.SRD	Insulin HM Mixtard 30/70 25-0-10	Rivolol 25 mg 1-0-0 (ABF)	Tab Becomplex 1-0-0 daily.	To monitor BP & Blood sugar regularly.	Be in touch with physician.
12	DHARESH B PATEL	ACCOUNT	130/80	15.80	271	Sugar+++	DM-Newly detected		Diabetic diet. Regular exercise.	Get done FBS\PPBS & if high	followup with FMO for further advice.			
13	SUBHASH M PATEL	PROD	190/94	12.40	150	Sugar+++	HT-kc	Refractive error.kc	SRD. Reduced Ghee & Oil in diet.	CT Revilol - AM 25 1-0-0 (ABF)	To monitor BP regularly.	Also Use prescribed eye lens regularly.	see the file	
14	HARENDRASINH N CHAUHAN	MAINT	140/80	13.90	90	Nil	HT-kc		SRD. Reduced Ghee & Oil in diet.	CT Losartan 50 mg 1-0-0 (ABF)	To monitor BP regularly.			
15	RAJESH R VASHI	QA	150/80	14.10	90	Nil	HT-kc		SRD. Reduced Ghee & Oil in diet.	Anginal-AT 1-0-0 (ABF)	To monitor BP regularly.			
16	PIYUSH K MISTRY	STORE	140/90	15.50	82	Nil	HT-kc	Refractive error.kc	SRD. Reduced Ghee & Oil in diet.	CT LTX-H 1-0-0 (ABF)	To monitor BP regularly.	Also Use prescribed eye lens regularly.		
17	ARUP KUMAR RANA	EHS	140/90	11.90	95	Nil	HT-kc		SRD. Reduced Ghee & Oil in diet.	CT Tenorlc 50 1-0-0 (ABF)	CT Enam 2.5 1-0-0 (ABF)	To monitor BP regularly.		
18	K SRINIVAS	DIRECTOR	124/80	15.40	75	Nil	HT-kc		SRD. Reduced Ghee & Oil in diet.	CT Aen 25 mg 1-0-0 (ABF)	To monitor BP regularly.			
19	GAUTTAMRAI P VAIDYA	R&D	120/80	12.60	75	Nil	IHD-MI-(kc)	(Angioplasty done)	SRD. Reduced Ghee & Oil in diet.	CT Ecosprin 75 mg 0-1-0	CT Brilinta 90 1-0-1 (AF)	CT Concor 2.5 mg 1-0-0 (ABF)	To monitor BP regularly.	Be in touch with Cardiologist.
20	JAGDISH M MASURIA	PROD	120/80	14.70	105	Sugar+++	R/O DM		Get done FBS\PPBS and if high	followup with FMO for further advice.				
21	BIPINCHANDRA M PATEL	PROD	110/70	12.80	102	Trace	Refractive error.		To get eye lens					
22	RAJU K PATEL	PROD R-1	130/80	12.50	95	Absent	Refractive error.		To get eye lens					
23	DHANSUKH A PATEL	PROD	120/80	12.90	77	Absent	Refractive error.kc		To recheck eye lens					
24	PARBHU S NAIKA	PROD R-1	110/80	13.20	83	Absent	Refractive error.kc		Use prescribed eye lens regularly.					

Dr. Ramesh H. Agrawal

Dr. Ramesh H. Agrawal

Dr. AGRAWAL DIAGNOSTIC CENTRE

ALAKNANDA BUILDING D-3\304,LOKGRAM,KALYAN.(E)-421306.[Thane-M.S]

COMPANY NAME : ASHA CELLULOSE (I)PVT LTD DATE : 07\01\2019
DEPT: PROD EMP_CODE : ACL

NAME :ANUP M PRAJAPATI AGE : 31 yrs. NO : 249
HEIGHT : 170 c.m. SEX : M WEIGHT: 74 kg.

Present Complaints:
No complaints.

Past History :
Non significant.

Personal History :
Non significant.

Family History : Non significant.

GENERAL EXAMINATION :
Temp :Afebrile Pulse : 72 /min Regular BP:130/80 mm of Hg.
Pallor,Icterus,Cyanosis,Clubbing : No

CARDIO VASCULAR SYSTEM : Nad

RESPIRATORY SYSTEM : Nad
ABDOMEN : Nad
Liver/Spleen/Kidney/Other palpable Mass/Any Tenderness :

CNS : Nad
Orientation to time/ Place /Person, /Cerebellar sign/Others :

Skin : Nad

EYES-"KEY STONE VISION TESTER"

Vision	Near	Far		
Right	N20	F25	GLASSES	N
Left	N20	F25	GLASSES	N

Colour Vision : Acceptable

E.N.T. : Nad

OTHER FINDINGS : Nil

Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : ASHA CELLULOSE (I)PVT LTD

NAME : ANUP M PRAJAPATI NO : 249

LABORATORY INVESTIGATIONS

HAEMATOLOGY :

PATIENT'S VALUE :			NORMAL RANGE
Total RBC Count	: 4.98	millions	4 to 5 millions.
Total WBC Count	:8.600	Thousand	4 to 10 Thousand.
Total PLATELET	: 2.74	LACS	1.5 to 4.5 LACS.
Haemoglobin	:14.40	gm %	14 to 16 gm% [M] 12 to 14 gm% [F]

Differential Count

polymorphs	:51 %	45 to 65 %
Eosinophils	:5 %	1 to 5 %
Basophils	:0 %	0 to 1 %
Monocytes	:3 %	01 to 04 %
Lymphocytes	:41 %	25 to 45 %

ESR :10 mm. 0 to 10 mm. - Male
[Western Green Method] 0 to 20 mm. - Female

BLOOD SUGAR(R) : 81 mg% (Normal Range: 70 - 160 mg %)

Sr_creatine : 0.65 mg/dl (Normal Range: 0.6 To 1.7 mg/dl)

SGPT Test : 10 IU/ml (Normal Range : 5 to 35 IU/ml)

BLOOD GROUP : B+

EXTRA TEST : No

URINE EXAMINATION :

PHYSICAL EXAMINATION :

Quantity	: 15 c.c.	Deposit	: No.
Colour	: Pale-yellow	Reaction	: acidic
Appearance	: Clear	Specific Gravity	: 1.010

CHEMICAL EXAMINATION

Albumin	:Absent	Bile Salt	: Absent
Sugar	:Absent	Bile Pigment	: Absent
Acetone	:Absent.	Occult blood	: Absent

MICROSCOPIC EXAMINATION

Epithelial Cells	: Absent		
Bacteria	: Absent	Casts	: Absent
RBC	: Absent	Crystals	: Absent
Pus Cells	: Absent	Other Findings	: Nil

Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : ASHA CELLULOSE (I)PVT LTD

NAME : ANUP M PRAJAPATI SR. NO : 249

X-RAY CHEST-(DIGITAL) : No abnormality is detected.

COMPUTERISED PULMONARY FUNCTION : With in normal limits.

ELECTROCARDIOGRAM : With in normal limits.

AUDIOMETRY :

Frq-KHZ	.25	.50	1	1.5	2	3	4	6	8
Right (DB):	25	25	25	30	25	30	30	20	20
Left (DB):	25	20	20	25	30	25	20	20	15

DIAGNOSIS : Nad

TREATMENT ADVICED : Nil

DR. RAMESH H. AGRAWAL
(Industrial Physician.)
MBBS,DNB,AFIH.
DIH,PG--CIH
Reg.No.MMC/61016.
Reg.No.AFIH/0292.
Status of certifying surgeon

MEDICAL CHECK UP-SPIROMETRY

ALAKNANDA BUILDING D-3/304, LOKGRAM, KALYAN-E

Sr. No. : 249 Date : 07-Jan-2019

ID : 378 Height : 170 cms Ethnic Group : Indian
Name : ANUP M PRAJAPATI Weight : 74 kgs Predicted : Indian
Age & Sex : 31 yrs old MALE BSA : 1.87 sq mtr.

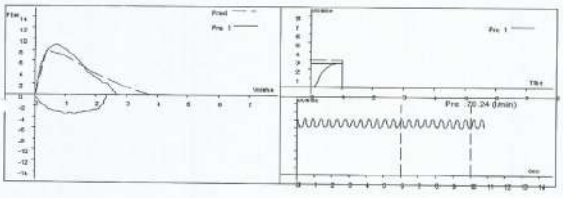
Smoker :No
History :
Medication :
Comment :
Operator :Administrator

Spirometry Test Parameters

Abbr.	Unit	Pred.	Pre-Medication Obs.	Pre-Medication %Pred.	Post-Medication Obs.	Post-Medication %Pred.
Best FVC	l	3.81	2.68	070	0.00	000
Best FEV1	l	2.98	2.66	089	0.00	000
Best PEF	l/s	7.86	8.90	113	0.00	000

Abbr.	Unit	Pred.	Pre-Med. Obs.	Pre-Med. %Pred.	Imp
FEV 1/FVC	%	78.22	100.00	128.00	---
FEF_25_75	%	3.33	5.47	164.00	---

Abbr.	Unit	Pred.	Pre-Med. Obs.	Pre-Med. %Pred.	Imp
MVV	l	113.06	70.24	62.00	---



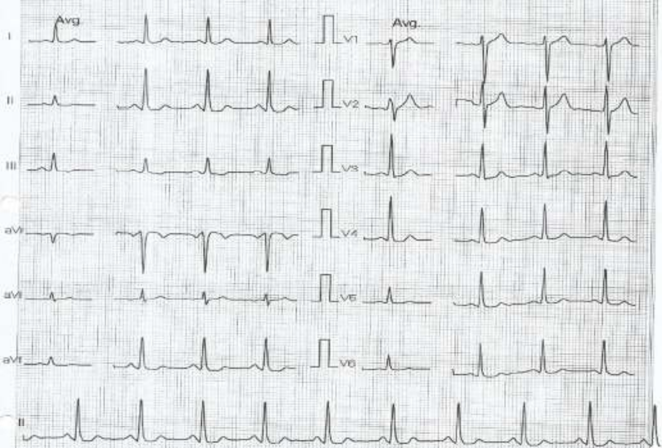
Referring Doctor :

(INDUSTRIAL PHYSICIAN)

MEDICAL CHECK UP-ELECTROCARDIOGRAM

07/01/2019 04:28:39 ANUP PRAJAPATI (31 yrs Male) Hum On 25 Hz x1 25 mm/sec 45 bpm

Reg No. 249 Serial No. : 249



Axis (Degrees)

Axis P 39

Axis QRS 23

Axis T 10

Interval (msec)

PR 85

QRS 110

QTC 408

QT 310

Comments

Referred By

Consulting Doctor : Consulting Physician

FORM NO. 32

(Prescribed under Rule 68-T and 102)

Health Register

1. Serial Number in the Register of adult Workers : ASHA CELLULOSE (I)PVT LTD
2. Name of Worker : ANUP M PRAJAPATI
3. Sex : MALE
4. Date of birth : 14.11.1986

Department Works	Name of Hazardous process	Dangerous process/operation	Nature of job or occupation	Raw materials, products or By-products likely to be exposed to	Date of posting	Date of leaving/transfer to or transfer	Reasons for Discharge/ leaving or transfer	Medical examination therefore: Date	Signs and symptoms Observed during examination	Nature of tests & results thereof	Result Fit/Unfit Results	If declared unfit for work: Period of temporary Withdrawal from that	Reasons for such withdrawal	Date of declaring him Unfit for that work	Date of issuing fitness Certificate	Signature with date of the factory Medical Officer/ the Certifying Surgeon.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
PROD	REACTION, FILTERATION, GRANULATION	REACTION, FILTERATION, GRANULATION	SUPERVISION	SOLVENT, AC.ACID, HCL, CAUSTIC	21.02.2011	N.A.	N.A.	JAN-2019	NIL	AS PER MEDICAL FILE	FIT	N.A.	N.A.	N.A.	07.01.2019	[signature]

ASHA CELLULOSE (I) PVT LTD MEDICAL SUMMARY 2019

Sr	Date	Name	Dept	Category
1	04/01/2019	SANTT D SHAH	ADMIN	STAFF
2	04/01/2019	JAWAN M GAUTAM	MAINT	STAFF
3	04/01/2019	KALPESH C DESAI	ACCOUNT	STAFF
4	04/01/2019	SUNIL B PATEL	PROD	STAFF
5	04/01/2019	NITESH C PATEL	QC	STAFF
6	04/01/2019	HITESH KUMAR TANDEL	PACK	STAFF
7	04/01/2019	SANJAY C PATEL	QC	STAFF
8	04/01/2019	SUBHASH M PATEL	PROD	STAFF
9	04/01/2019	ARVIND G PRAJAPATI	PROD	STAFF
10	04/01/2019	SAGAR J PRAJAPATI	KOTA	STAFF
11	04/01/2019	PRAGNESH I PATEL	QC	STAFF
12	04/01/2019	JAYDUMAR F PATEL	KOTA	STAFF
13	04/01/2019	VIJAY N SHAH	QC	STAFF
14	04/01/2019	[illegible] VAIDYA	R&D	STAFF
15	04/01/2019	HARENDRASINH N CHAUHAN	MAINT	STAFF
16	04/01/2019	DHARESH B PATEL	ACCOUNT	STAFF
17	04/01/2019	DHANRAJ J CHAUDHARI	PROD	STAFF
18	04/01/2019	RAHUL C DESAI	PROD	STAFF
19	04/01/2019	HEMANT R PATEL	PACK	STAFF
20	04/01/2019	PATHIK K DESAI	STORE	STAFF
21	04/01/2019	KRUNAL P MISTRY	ACCOUNT	STAFF
22	04/01/2019	JAYESH R SURTI	QC	STAFF
23	04/01/2019	[illegible]	QC	STAFF
24	04/01/2019	SURESHCHANDRA B PARMAR	SAFETY	STAFF
25	04/01/2019	RAJESH F VASHI	QA	STAFF
26	04/01/2019	JAGDISH M MAISURIA	PROD	STAFF
27	04/01/2019	[illegible] D PATEL	PROD	STAFF
28	05/01/2019	AMITBHAI C PATEL	KOTA	STAFF
29	05/01/2019	ARD RAMBHAI MANGA	MAINT	STAFF
30	05/01/2019	MEET P PATEL	MAINT	STAFF
31	05/01/2019	SMIT D PATEL	WEE PLANT	STAFF
32	05/01/2019	SUDHIR R PATEL	MAINT	STAFF
33	05/01/2019	TRUNAL D PATEL	ETP	STAFF
34	05/01/2019	RAMESH B PATEL	ADMIN	STAFF
35	05/01/2019	JIGAR D PATEL	MAINT	STAFF
36	05/01/2019	SAJAN R TANDEL	APPREN	ACL
37	05/01/2019	SAVAN A PATEL	APPREN	ACL
38	05/01/2019	BIPINCHANDRA M PATEL	PROD	STAFF
39	05/01/2019	PINESH K MISTRY	STORE	STAFF
40	05/01/2019	SHEKHKUMAR R PATEL	QC	STAFF
41	05/01/2019	ARVIND M PATEL	PROD	STAFF
42	05/01/2019	JIRAL S AHIR	WEE PLANT	STAFF
43	05/01/2019	JIGAR I PRAJAPATI	MAINT	STAFF
44	05/01/2019	DHANSUKH A PATEL	PROD	STAFF
45	05/01/2019	AKHTARHUSEN C KHALIFA	PROD	STAFF
46	07/01/2019	ARUP KUMAR RANA	EHS	STAFF

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47	07/01/2019	KANTILAL M PATEL	CONSULT	ACL	56	70	171	O+	23.94	Nil	82	120/80	12	Nad	235	0.86	13	9500	13.40	S+4	2.83	WN	Nad	S/F	FIT	DM-kc		
48	07/01/2019	ANUP M PRAJAPATI	PROD	STAFF	31	74	170	B+	25.61	Nil	72	130/80	13	Nad	81	0.65	10	8600	14.40	Nad	2.74	WN	Nad	WNL	FIT	Nad		
49	07/01/2019	DILIP K PATEL	PROD	ACL	44	61	163	B+	22.96	Nil	84	160/93	14	Nad	90	0.70	23	6300	13.50	Nad	2.59	WN	Nad	WNL	FIT	Nad		
50	07/01/2019	SAVAN D PATEL	PROD	STAFF	27	72	166	O+	26.13	Nil	82	140/93	18	Nad	75	0.67	18	9800	14.20	Nad	2.75	WN	Nad	WNL	FIT	Nad		
51	07/01/2019	PARBHU S NAIKA	PROD R-1	STAFF	43	52	171	O-	17.78	Nil	80	110/80	16	Nad	83	0.75	20	6300	13.20	Nad	1.54	WN	Nad	WNL	FIT	Refractive error kc		
52	07/01/2019	RAJU I PATEL	PROD R-1	STAFF	46	71	166	B+	25.77	Nil	82	120/80	15	Nad	95	0.72	16	9400	12.50	Nad	2.23	WN	Nad	WNL	FIT	Refractive error		
53	08/01/2019	K SRINIVAS	DIRECTOR	STAFF	56	63	163	B+	23.73	Nil	80	124/80	14	Nad	75	0.79	27	7800	15.40	Nad	2.07	WN	Nad	WNL	FIT	HT-kc		

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SHREE RAMESH INTPRISES (ACL) MEDICAL CHECK UP JAN-2019

SR.NO	DT	NAME OF PERSON	DEPT	GENDER	AGE	WEIGHT	HEIGHT	BLOOD GR	BMI	PEF	PULSE	SP	BP	SUGAR	B.J	HB.GR	EYES	TILL	EB	LUNG	PAT	PPT	WART	SCALE	PITCHART	REMARK
1	04/01/2019	HITESH BABU	PROD	SG	40	78	175	O+	25.47	NIL	82	140/90	12	Nad	76	0.86	16	8900	12.60	Nor	2.56	WN	Nad	WNL	NIL	Nad
2	04/01/2019	KETAN GOVIND	PROD	SG	35	63	173	O+	21.05	NIL	80	120/80	18	Nad	89	0.66	26	6400	15.90	Nor	1.74	WN	Nad	WNL	NIL	Nad
3	04/01/2019	DIPAK BABU	PROD	SG	47	58	164	B+	21.56	NIL	80	120/80	16	Nad	77	0.63	28	4600	11.30	Nor	3.26	WN	Nad	WNL	NIL	Refractive error.ac
4	04/01/2019	BIJAY SARKAR	PROD	SG	38	66	166	O+	23.96	NIL	80	140/80	14	Nad	83	0.76	28	5000	13.70	Nor	2.22	WN	Nad	WNL	NIL	Nad
5	04/01/2019	MIHIR BHIKHU	PROD	SG	22	69	167	O+	24.74	NIL	80	140/80	12	Nad	90	0.63	15	5800	12.50	Nor	3.11	WN	Nad	WNL	NIL	Nad
6	04/01/2019	JAYANTI S PATEL	PROD	SG	33	65	165	B+	23.87	NIL	82	150/80	14	Nad	75	0.68	16	7300	11.60	Nor	3.53	WN	Nad	WNL	NIL	Nad
7	04/01/2019	KETAN ISHVAR	PROD	SG	33	64	165	A+	24.09	NIL	80	120/80	14	Nad	95	0.79	26	8000	12.90	Nor	2.57	WN	Nad	WNL	NIL	Nad
8	04/01/2019	RAJESH D PATEL	PROD	SG	29	67	165	O+	24.61	NIL	80	120/80	14	Nad	83	0.75	21	6300	13.50	Nor	2.71	WN	Nad	WNL	NIL	Nad
9	04/01/2019	MAHESH G PATEL	PROD	SG	38	53	168	AB+	18.07	NIL	82	130/80	15	Nad	83	0.84	27	6800	12.60	Nor	2.45	WN	Nad	WNL	NIL	Nad
10	04/01/2019	MAHESH VIMJI	PROD	SG	32	48	165	B+	17.63	NIL	80	120/80	16	Nad	82	0.88	28	5400	13.80	Nor	2.35	WN	Nad	WNL	NIL	Nad
11	04/01/2019	VIPUL PARSOTTAM	PROD	SG	31	49	163	B+	18.44	NIL	80	120/80	15	Nad	93	0.91	16	7300	13.50	Nor	1.53	WN	Nad	WNL	NIL	Nad
12	04/01/2019	MANOJ JOGI	ETP	SG	25	75	163	B+	28.36	NIL	82	130/80	17	Nad	95	0.75	16	6300	11.50	Nor	2.66	WN	Nad	WNL	NIL	Nad
13	04/01/2019	MAHESH ARVIND	ETP	SG	23	57	165	A+	20.94	NIL	80	120/80	18	Nad	82	0.67	30	5900	11.90	Nor	2.56	WN	Nad	WNL	NIL	Nad
14	04/01/2019	RAMESH DAHYA	KOTA	SG	40	50	170	O+	17.30	NIL	80	120/80	15	Nad	80	0.74	27	8300	8.90	Nor	1.54	WN	Nad	WNL	NIL	Anaemia-Mild
15	04/01/2019	RAMNIWAL DAHYA	LAB	SG	28	42	163	B+	14.71	NIL	80	120/80	15	Nad	95	0.80	15	6700	12.70	Nor	1.58	WN	Nad	WNL	NIL	Nad
16	04/01/2019	HEMANS DILIP	OFFICE	SG	20	53	173	B+	18.36	NIL	82	120/80	12	Nad	81	0.76	20	7800	13.80	Nor	2.23	WN	Nad	WNL	NIL	Nad
17	04/01/2019	KUNNA SHAHU	PROD	SG	32	75	170	A+	25.26	NIL	82	120/80	14	Nad	82	0.75	18	5800	15.10	Nor	2.22	WN	Nad	WNL	NIL	Refractive error.
18	04/01/2019	RAJU JOGI	PROD	SG	40	57	160	A+	22.27	NIL	80	140/80	16	Nad	81	0.85	15	5000	13.00	Nor	2.56	WN	Nad	WNL	NIL	Refractive error.
19	04/01/2019	DHARMOHAN JENA	PACK	SG	44	72	164	A+	28.13	NIL	82	120/80	18	Nad	102	0.75	15	5800	13.50	Nor	3.36	WN	Nad	WNL	NIL	Nad
20	04/01/2019	DINESH GULAB	PACK	SG	42	57	162	O+	22.27	NIL	78	110/70	20	Nad	85	0.88	16	5300	11.90	Nor	2.35	WN	Nad	WNL	NIL	Refractive error.ac
21	04/01/2019	RAMAN B NAIR	COL/WORK	SG	45	60	170	A+	20.76	NIL	80	120/80	12	Nad	80	0.97	23	7000	13.50	Nor	3.15	WN	Nad	WNL	NIL	Refractive error.
22	04/01/2019	RITESH C PATEL	MAINT	SG	36	54	158	B+	21.07	NIL	80	120/80	18	Nad	77	0.76	22	7200	13.30	Nor	2.46	WN	Nad	WNL	NIL	Nad
23	04/01/2019	KIRAN DAIPAT	MAINT	SG	23	48	162	B+	18.29	NIL	80	120/80	16	Nad	81	0.74	15	8800	14.30	Nor	2.64	WN	Nad	WNL	NIL	Nad
24	04/01/2019	HARDIK P PATEL	PILOT	SG	20	62	173	O+	21.45	NIL	80	120/80	14	Nad	75	0.75	20	6200	13.50	Nor	2.35	WN	Nad	WNL	NIL	Nad
25	04/01/2019	SATISH MAGAN	MAINT	SG	24	60	159	B+	24.06	NIL	84	110/80	12	Nad	85	0.63	15	5600	11.90	Nor	2.65	WN	Nad	WNL	NIL	Nad
26	04/01/2019	DINESH C NAYKA	ETP	SG	35	63	158	A+	25.42	NIL	80	120/80	16	Nad	82	0.72	18	5800	11.50	Nor	2.63	WN	Nad	WNL	NIL	Nad
27	04/01/2019	MUKESH KARSAN	KOTA	SG	42	67	161	AB+	25.85	NIL	82	120/80	14	Nad	75	0.91	15	5400	11.30	Nor	3.56	WN	Nad	WNL	NIL	Refractive error.
28	04/01/2019	RITESH CHAGANS	DM	SG	29	64	161	A+	24.69	NIL	80	120/80	14	Nad	86	0.94	16	7400	12.30	Nor	2.06	WN	Nad	WNL	NIL	Nad
29	04/01/2019	KIRAN LALU	STORE	SG	30	86	196	B+	24.96	NIL	82	120/80	15	Nad	83	0.79	20	5800	13.00	Nor	2.65	WN	Nad	WNL	NIL	Nad
30	04/01/2019	RAJU N PATEL	PROD	SG	45	66	167	B+	23.67	NIL	72	120/70	16	Nad	82	0.76	17	6400	8.20	Nor	1.61	WN	Nad	WNL	NIL	Anaemia-Mild
31	04/01/2019	KANU DHARMSHIP	PROD	SG	31	70	166	A+	25.39	NIL	74	120/70	13	Nad	75	0.85	16	5400	12.30	Nor	2.64	WN	Nad	WNL	NIL	Nad
32	04/01/2019	NATWARSINH M THAKOR	PROD	SG	50	68	161	A+	26.25	NIL	82	150/90	13	Nad	110	0.78	16	7400	14.50	Nor	3.37	WN	Nad	WNL	NIL	Obesity
33	04/01/2019	SANJAY GOVIND	PROD	SG	31	74	165	A+	27.18	NIL	84	130/80	18	Nad	85	0.84	30	5800	13.20	Nor	3.24	WN	Nad	WNL	NIL	Nad
34	04/01/2019	KETAN DAHYA	PROD	SG	23	73	170	B+	27.34	NIL	84	140/80	15	Nad	82	0.97	30	5900	14.30	Nor	2.25	WN	Nad	WNL	NIL	Nad
35	04/01/2019	NILESH D PATEL	PROD	SG	37	76	173	O+	25.69	NIL	82	120/80	15	Nad	90	0.69	24	8600	13.00	Nor	4.36	WN	Nad	WNL	NIL	Nad
36	04/01/2019	VIJAY R PATEL	PROD	SG	35	52	169	O+	21.06	NIL	82	120/80	12	Nad	85	0.95	22	8300	11.30	Nor	2.92	WN	Nad	WNL	NIL	Nad
37	04/01/2019	SANJAY V ARASHI	PILOT	SG	44	52	164	O+	19.33	NIL	72	120/70	14	Nad	73	0.80	20	5000	12.70	Nor	2.80	WN	Nad	WNL	NIL	Nad
38	04/01/2019	AMIT N PATEL	PROD	SG	24	64	171	O+	21.92	NIL	82	140/90	24	Nad	85	0.89	15	5700	11.80	Nor	1.53	WN	Nad	WNL	NIL	Nad
39	04/01/2019	SHIVRAM SHAHU	PROD	SG	24	72	168	B+	24.82	NIL	80	120/80	18	Nad	95	0.88	18	5900	13.70	Nor	3.33	WN	Nad	WNL	NIL	Nad
40	04/01/2019	MAYANK P AFTEL	MAINT	SG	24	52	180	AB+	16.44	NIL	80	120/80	20	Nad	75	0.88	20	8500	15.70	Nor	1.94	WN	Nad	WNL	NIL	Nad
41	04/01/2019	RITESH CHAGAN	MAINT	SG	38	83	167	O-	29.76	NIL	84	160/80	18	Nad	77	0.44	32	8800	14.30	Nor	1.53	WN	Nad	WNL	NIL	Nad
42	05/01/2019	AJIT MANDAL	MAINT	SG	44	94	166	A+	30.48	NIL	80	120/80	18	Nad	82	0.66	30	6700	15.80	Nor	1.98	WN	Nad	WNL	NIL	Refractive error.ac
43	05/01/2019	NAVIN DAHYA	PROJECT	SG	46	63	165	O+	23.14	NIL	76	130/70	14	Nad	75	0.67	13	5500	13.30	Nor	3.05	WN	Nad	WNL	NIL	Nad
44	05/01/2019	SUBHASH P PATEL	MAINT	SG	29	47	175	O+	15.67	NIL	82	140/90	12	Nad	95	0.78	20	8000	13.20	Nor	1.01	WN	Nad	WNL	NIL	Nad
45	05/01/2019	KEVAL D PATEL	LAB	SG	22	53	166	O+	19.25	NIL	80	120/80	16	Nad	81	0.64	19	8600	11.80	Nor	1.42	WN	Nad	WNL	NIL	Nad

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46	05/01/2019	PRAVIN N PATEL	KOTA	SG	40	58	177	O+	18.51	NIL	82	130/80	14	Nad	81	0.78	15	6700	12.80	Nad	2.31	WN	Nad	WNL	NIL	Refractive error
47	05/01/2019	MUKESH MATHOD	SWEEPER	SG	45	81	158	A+	25.07	NIL	80	130/80	14	Nad	77	0.76	22	9800	12.90	Nad	3.06	WN	Nad	WNL	NIL	Refractive error.ac
48	05/01/2019	MAHESH KURJI	GARDEN	SG	45	47	163	B+	18.13	NIL	80	120/80	15	Nad	79	0.65	21	7900	12.10	Nad	1.26	WN	Nad	WNL	NIL	Nad
49	05/01/2019	MAHESH TALAVIYA	SWEEPER	SG	43	62	164	B+	23.77	NIL	76	120/70	14	Nad	85	0.68	16	6700	12.50	Nad	2.87	WN	Nad	WNL	NIL	Refractive error.ac
50	05/01/2019	AMRUT D PATEL	OFFICE	SG	47	47	156	B+	19.13	NIL	82	140/90	16	Nad	85	0.75	15	7900	12.80	HT	2.82	WN	Nad	WNL	NIL	Refractive error.ac
51	05/01/2019	EMANSUSH D NABIS	SWEEPER	SG	45	44	165	O+	16.15	NIL	80	140/100	17	Nad	99	0.63	39	5800	11.80	SH	2.04	WN	Nad	WNL	NIL	BP-W/F
52	05/01/2019	RAMESH T PATEL	ETP	SG	48	56	164	O+	24.14	NIL	82	130/80	16	Nad	88	0.75	15	5400	15.80	Nad	2.23	WN	Nad	WNL	NIL	Nad
53	05/01/2019	NITIN A PATEL	PROD	SG	35	55	163	O+	20.70	NIL	74	120/80	15	Nad	102	0.85	12	7900	11.30	HT	2.02	WN	Nad	WNL	NIL	Obesity (Newly detected)
54	05/01/2019	KRUNAL CHEDU	PILOT	SG	27	57	170	O+	19.72	NIL	80	130/80	15	Nad	88	0.65	20	8700	13.60	Nad	2.31	WN	Nad	WNL	NIL	Nad
55	05/01/2019	CHINTAN VITTAL	PROD	SG	38	74	177	O+	23.62	NIL	76	110/80	12	Nad	90	0.54	13	8100	14.50	Nad	2.33	WN	Nad	WNL	NIL	Nad
56	05/01/2019	CHANDESH BHARAT	MAINT	SG	33	69	163	O+	25.97	NIL	80	120/80	12	Nad	84	0.78	18	5900	12.20	Nad	2.68	WN	Nad	WNL	NIL	Nad
57	05/01/2019	AMIT G PATEL	APPREN	SG	23	66	178	A+	22.83	NIL	80	120/80	14	Nad	78	0.73	20	6100	14.10	Nad	2.52	WN	Nad	WNL	NIL	Nad
58	05/01/2019	CHANDESH BABU	MAINT	SG	28	52	160	B+	20.31	NIL	80	130/80	16	Nad	84	0.72	24	5900	12.50	Nad	1.88	WN	Nad	WNL	NIL	Nad
59	05/01/2019	SANDEEP CHHOTU	MAINT	SG	35	49	164	O+	18.48	NIL	82	120/80	20	Nad	86	0.78	13	7100	12.30	HT	2.33	WN	Nad	WNL	NIL	Refractive error.ac
60	05/01/2019	JHANAN MALI	PACK	SG	33	54	157	A+	21.91	NIL	82	140/90	17	Nad	95	0.78	19	6800	15.30	Nad	2.83	WN	Nad	WNL	NIL	Nad
61	05/01/2019	ANAND BHANA PATEL	PACK	SG	39	68	166	O+	24.77	NIL	80	120/80	18	Nad	78	0.74	18	5600	15.30	Nad	2.83	WN	Nad	WNL	NIL	Nad
62	05/01/2019	PRAKASH C PATEL	STORE	SG	34	74	170	B+	25.61	NIL	82	120/80	16	Nad	85	0.75	17	3000	14.10	Nor	2.07	WN	Nad	WNL	NIL	Nad
63	05/01/2019	VIJAY B SUTRI	PROD	SG	32	81	172	A+	27.38	NIL	80	140/80	14	Nad	81	0.64	13	4100	13.10	Nor	4.23	WN	Nad	WNL	NIL	Nad
64	05/01/2019	MOHAN P GAMRET	PROD	SG	24	49	165	B+	18.00	NIL	72	120/70	12	Nad	88	0.64	19	5100	11.90	Nor	2.73	WN	Nad	WNL	NIL	Nad
65	05/01/2019	UMESH RAMESH	PACK	SG	31	54	167	A+	19.36	NIL	74	120/80	14	Nad	81	0.88	20	5100	11.80	Nor	2.13	WN	Nad	WNL	NIL	Nad
66	05/01/2019	NIRAL A PATEL	PACK	SG	19	65	173	A+	21.72	NIL	76	140/80	14	Nad	81	0.70	21	9600	13.00	Nor	2.83	WN	Nad	WNL	NIL	Nad
67	05/01/2019	PRADIP G PATEL	DM	SG	53	53	174	B+	17.51	NIL	80	120/80	14	Nad	78	0.66	16	5300	11.30	Nor	2.90	WN	Nad	WNL	NIL	Nad
68	05/01/2019	PRABHAKER PATEL	PROD	SG	36	86	164	AB+	31.98	NIL	80	140/80	15	Nad	151	0.97	20	3600	13.20	Sev	2.49	WN	Nad	WNL	NIL	DM-(Borderline)
69	05/01/2019	GAURAV R PATEL	MAINT	SG	31	75	173	A+	25.08	NIL	80	120/80	14	Nad	81	0.78	19	7100	12.20	Nor	2.61	WN	Nad	WNL	NIL	Refractive error
70	05/01/2019	ANKUR M PATEL	ETP	SG	38	65	175	A+	21.22	NIL	80	130/80	13	Nad	85	0.64	14	6500	11.90	Nor	2.91	WN	Nad	WNL	NIL	Nad
71	05/01/2019	ANKUR R PATEL	PACK	SG	22	55	162	B+	20.96	NIL	76	130/70	17	Nad	84	0.95	13	8800	13.80	Nor	2.61	WN	Nad	WNL	NIL	Nad
72	05/01/2019	NAVIN DALABHI	PROD	SG	37	58	164	AB+	21.66	NIL	82	120/80	18	Nad	89	0.63	20	7100	12.20	Nor	1.06	WN	Nad	WNL	NIL	Refractive error.ac
73	05/01/2019	RAKESH LAXMAN	PROD	SG	26	73	163	B+	28.52	NIL	72	110/70	16	Nad	86	0.88	16	6100	13.10	Sev	3.11	WN	Nad	WNL	NIL	Nad
74	05/01/2019	DHARAM DHARB	LAB	SG	27	62	166	AB+	24.61	NIL	74	120/70	15	Nad	82	0.76	10	7100	13.90	Nor	2.11	WN	Nad	WNL	NIL	Nad
75	05/01/2019	KIRAN RAJESH	MAINT	SG	25	53	164	A+	19.71	NIL	84	140/90	12	Nad	84	0.84	14	8300	15.80	Nor	2.24	WN	Nad	WNL	NIL	Nad
76	05/01/2019	PRAVIN AMBU	LAB	SG	28	70	163	A+	27.45	NIL	72	120/70	14	Nad	82	0.79	14	8400	12.60	Nad	1.09	WN	Nad	WNL	NIL	Nad
77	07/01/2019	DINESH RAMAN NEMAL	ETP	SG	35	59	162	B+	22.48	NIL	78	120/80	18	Nad	82	0.74	14	6400	12.80	Nor	2.60	WN	Nad	WNL	NIL	Refractive error.ac
78	07/01/2019	HIREN RAMAN	DM	SG	38	56	165	B+	21.84	NIL	82	120/80	18	Nad	88	0.76	16	5400	13.70	Nor	2.25	WN	Nad	WNL	NIL	Nad
79	07/01/2019	KIRAN B NAYKA	PROD R-1	SG	31	67	168	O+	24.91	NIL	80	120/80	17	Nad	95	0.97	19	4400	14.00	Nad	1.62	WN	Nad	WNL	NIL	Nad
80	07/01/2019	PRAFUL BABU PATEL	PROD R-1	SG	42	77	168	AB+	27.28	NIL	84	140/90	18	Nad	85	0.68	19	7700	11.30	Nor	2.81	WN	Nad	WNL	NIL	Tuf
81	07/01/2019	ATUL B VAGU	PILOT	SG	28	53	167	A+	18.29	NIL	72	120/70	14	Nad	88	0.79	22	8400	13.00	Nor	2.18	WN	Nad	WNL	NIL	Nad
82	07/01/2019	NARESH SHAHU	PROD R-2	SG	46	63	165	O+	22.31	NIL	78	130/80	14	Nad	85	0.95	21	7600	12.10	Nor	2.18	WN	Nad	WNL	NIL	Refractive error
83	07/01/2019	ROHIM CHAKARPANI	PROD R-1	SG	46	83	164	AB+	25.07	NIL	80	170/100	18	Nad	189	0.91	20	7000	12.30	SH	1.78	WN	Nad	WNL	NIL	DM+HT (BP)
84	07/01/2019	MEHUL LAXMAN	PROD R-2	SG	30	55	164	AB+	20.44	NIL	82	140/90	16	Nad	78	0.78	18	7500	13.00	Nor	2.81	WN	Nad	WNL	NIL	Nad
85	07/01/2019	JYOTISH JHANDU	PROD R-2	SG	25	54	173	A+	18.03	NIL	72	120/80	14	Nad	81	0.94	13	6000	11.40	Nad	1.83	WN	Nad	WNL	NIL	Nad
86	07/01/2019	VIRMAL J PATEL	MAINT	SG	28	73	167	B+	25.46	NIL	82	120/80	14	Nad	83	0.75	20	8300	12.10	Nor	1.91	WN	Nad	WNL	NIL	Nad
87	07/01/2019	SHAILESH B PATEL	PROD R-2	SG	66	55	163	O+	21.22	NIL	80	120/80	15	Nad	95	0.85	22	6400	8.20	Nor	2.20	WN	Nad	WNL	NIL	Anaemia-Mild
88	07/01/2019	BHAVESH P PATEL	PROD R-2	SG	22	63	175	B+	20.57	NIL	80	120/80	16	Nad	85	0.74	14	6800	14.90	Nor	2.41	WN	Nad	WNL	NIL	Nad
89	07/01/2019	RAKESH MAGAN	FITTER	SG	32	67	165	O+	24.63	NIL	82	130/90	13	Nad	80	0.69	20	8400	13.30	Nor	3.60	WN	Nad	WNL	NIL	Nad
90	07/01/2019	BHAVESH MANHAR	FITTER	SG	36	80	166	A+	29.03	NIL	80	120/90	17	Nad	95	0.74	22	7000	13.20	Nor	1.87	WN	Nad	WNL	NIL	Nad
91	07/01/2019	RAMESH R PATEL	PROD R-2	SG	31	66	175	B+	21.22	NIL	84	150/100	18	Nad	77	0.74	22	6100	13.10	Nor	2.49	WN	Nad	WNL	NIL	BP-W/F
92	07/01/2019	TEJAS K PATEL	PROD R-2	SG	38	76	175	B+	25.39	NIL	84	160/100	15	Nad	80	0.85	13	6200	15.40	Nad	1.64	WN	Nad	WNL	NIL	BP-W/F
93	08/01/2019	RAMESH H NARKA	MAINT	SG	38	67	162	B+	25.54	NIL	80	120/80	15	Nad	88	0.67	21	6400	13.30	HT	4.45	WN	Nad	WNL	NIL	Nad
94	08/01/2019	DHAVAL PATEL	MICRO LAB	SG	21	47	166	B+	17.06	NIL	80	120/80	12	Nad	85	0.86	16	5400	15.80	Nad	2.08	WN	Nad	WNL	NIL	Nad
95	09/01/2019	BABAN N SHAHU	PACK	SG	39	80	167	AB+	28.63	NIL	82	120/90	14	Nad	90	0.75	10	5400	11.90	Nad	2.10	WN	Nad	WNL	NIL	Nad

Dr. Ramesh H. Agrawal
M.B.B.S., DIH, AFIH (CLI)
Reg. No. MMC (61016)
Reg. No. CLI (0292)

96	08/01/2019	SUBHASH SAHAU	PROD R-2	SG	42	63	165	O+	23.14	NIL	80	120/80	16	Nad	95	0.86	20	5300	13.50	Nor	1.72	WN	Nad	WNL	NIL	Nad
97	08/01/2019	RAMESH B NAIKA	ETP	SG	38	64	175	O+	21.38	NIL	80	120/80	18	Nad	83	0.85	20	5300	15.80	Nor	2.18	WN	Nad	WNL	NIL	Nad
98	08/01/2019	JIGNESH A PATEL	PROD R-2	SG	32	66	173	B+	22.05	NIL	80	120/80	20	Nad	84	0.75	16	6200	12.30	Nor	3.52	WN	Nad	WNL	NIL	Nad
99	08/01/2019	JAYDIP ASHOK	PROD R-2	SG	27	52	174	A+	17.18	NIL	80	120/80	11	Nad	96	0.94	33	4900	14.90	Nor	1.90	WN	Nad	WNL	Refractive error.	
100	08/01/2019	RAKESH D PATEL	PROD R-2	SG	37	81	170	B+	28.03	NIL	82	130/80	18	Nad	84	0.75	20	5500	12.80	Nor	2.87	WN	Nad	WNL	NIL	Nad

Dr. Ramesh H. Agrawal
M.B.B.S., DIH, AFIH (CLI)
Reg. No. MMC (61016)
Reg. No. CLI (0292)

Occufitt
Wellness Centre

Dr. Ketan S. Desai
M.B.B.S.-AFIH
Consulting Occupational Physician

PRE-EMPLOYMENT MEDICAL CHECK-UP REPORT

Name of industry: ASHA CELLULOSE INDIA PVT. LTD., VALSAD **Dt:** 16/03/2018

Name: GAUTAMBALI P VAIDYA **Birth date:** 28/04/1962 **Sex:** M

Selected for the post: HOD – R & D

C/C: NIL
Family history: Nothing particular

General examination:
Height: 165 cms. Weight: 94 kgs.

Lymphnodes: Not palpable
Hernia/Hydrocele: Absent
Skin: Normal

Varicose veins: Absent
Oral hygiene: Good

Vision: N-R6/6 L6/6D-R6/6 L6/6(with glasses)

Color vision: R – G deficiency

Cardio-vascular system:
Pulse: 76/min. BP: 122/80 mm of Hg.

Heart sounds: Normal.

Respiratory system:
Respiratory sounds: Normal

Others: Nil

Abdomen: Soft, non-tender, no organomegaly, bowel sounds present

Alimentary system:
Liver: Not palpable Spleen: Not palpable

Tenderness: Absent

Central nervous system:
Reflexes: Normal Jerks: Normal:

Others: Nil

Musculo-skeletal system:
Tenderness: Nil

Physical deformity: Nil

Ear-nose-throat: NAD
Genito-urinary system: NAD

Laboratory reports: No abnormal findings

Audiometry: Hearing within normal limits
Occupational disease: Nil
Observations: Nil
Advice: Nil
The applicant is fit for employment.

DR. KETAN S. DESAI
M.B.B.S.-AFIH
Occupational Physician
Occupational Hygienist

Dr. Ketan S Desai
Occupational Hygienist, Occupational Physician

UKM CLINIC, ROLETEY FARM ROAD, OPP.ATUL FIRST GATE, ATUL, Mo - 9825847026, E mail: kts_ds@yahoo.co.in

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We Care Health

Dr. Ketan S. Desai
M.B.B.S; AFIH
Consulting Industrial Physician

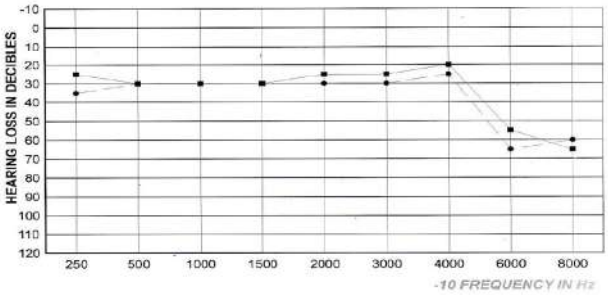
MEDICAL CHECKUP REPORT

Name : GAUTTAMRAI VAIDYA
ASHA CELLULOSE (I) PVT, LTD,
VALSAD

Sr.No. 7720 Dt: 16/Mar/2018

AUDIOMETER ISO STANDARD

AUDIOGRAM



AUDIOMETERY NOT DONE IN SOUNDPROOF ROOM

Right = ■——■ Left = ●- - -●

COMENTS:

Bilateral hearing deficit at high frequancy

Dr. Ketan Desai
M.B.B.S., A.F.I.H.

II JAY JINENDRA II

FORAM LABORATORY

Ms. MONAL S. SHETH
B.Sc., M.L.T.
Mo. 97243 40128 / 94288 83517
Time : 8:30 a.m. to 7:30 p.m.
Sunday 8:30 a.m. to 11:30 a.m.

108 - A, Ratnagiri Plaza, First Gate, ATUL - 396 020, Valsad.
B/h. Atul Medical Stores, Poultry Farm Road, First Gate, Atul.

Name : GAUTTAMRAI P. VAIDYA/ASHA CELLULOSE
Ref By : DR. K.S.DESAI
M.B.B.S.,A.F.I.H.

Age/Sex : Yrs./M
Date : 16/03/2018
Lab No. : 10

HAEMOGRAM PROFILE

TEST		RESULT	UNIT	METHOD	REFERENCE INTERVAL
BLOOD COUNTS & INDICES					
Haemoglobin	⇧ :	12.20	gm%		13.5 - 17.0 gm%
Total RBC	:	5.22	mill/cmm		4.6 - 6.2 mill/cmm
PCV	⇩ :	37.90	%		40 - 54 %
MCV	⇩ :	72.60	fL		80 - 96 fL
MCH	⇩ :	23.37	pg		27 - 31 pg
MCHC	:	32.19	%		32 - 36 %
RDW	⇧ :	15.40	%		10 - 15 %
Total WBC	:	8,200	/cmm		4,000 - 11,000/cmm
Platelet Count	:	2,13,000	/cmm		1.5 - 4.0 Lac/cmm.
DIFFERENTIAL LEUCOCYTES COUNT					
Band Cells	:	00	%		00 - 06 %
Neutrophils	⇩ :	44	%		55 - 70 %
Lymphocytes	⇧ :	45	%		20 - 40 %
Eosinophils	⇧ :	09	%		01 - 06 %
Monocytes	:	02	%		02 - 08 %
Basophils	:	00	%		00 - 01 %
Platelet In Smear	:	ADEQUATE			
ERYTHROCYTES SEDIMENTATION RATE					
ESR After 1st Hour	⇧ :	2	mm	Westergren	01 - 07 mm
Blood Group	:	" A "			
Rh Factor (Anti D)	:	" POSITIVE "			

(Done On Fully Automated Hematology Analyzer : NIHON KOHDEN (JAPAN)

End Of Report

Ms. Monal S. Sheth
B.Sc.,M.L.T.

Basic Composite Laboratory

The reported result are for the information of the referring Doctor only, laboratory may be contacted whenever required
All Investigations have their limitations which are imposed by the limits of sensitivity and specificity of individual assay procedure as well as the quality of the specimen received by the laboratory. Isolated laboratory investigations never confirm the final diagnosis of the disease. They only help in arriving at a diagnosis in conjuction with clinical presentation and other related investigations.

FORAM LABORATORY

II JAY JINENDRA II

FORAM LABORATORY

Ms. MONAL S. SHETH
B.Sc., M.L.T.
Mo. 97243 40128 / 94288 83517
Time : 8:30 a.m. to 7:30 p.m.
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B/h. Atul Medical Stores, Poultry Farm Road, First Gate, Atul.

Name : GAUTTAMRAI P. VAIDYA/ASHA CELLULOSE
Ref By : DR. K.S.DESAI
M.B.B.S.,A.F.I.H.

Age/Sex : Yrs./M
Date : 16/03/2018
Lab No. : 10

BIO-CHEM PROFILE

TEST		RESULT	UNIT	REFERENCE INTERVAL
Creatinine	:	1.00	mg/dl	0.3-1.4 mg/dl
S.G.P.T.	:	23.0	U/L	UP TO 40 U/L
Random Blood Glucose (RBS)	:	78	mg/dl	70 - 140 mg/dl
Urine Glucose	:	NIL		

Chem-5 Plus V2 (Transasia)

End Of Report

Ms. Monal S. Sheth
B.Sc.,M.L.T.

Basic Composite Laboratory

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FORAM LABORATORY

II JAY JINENDRA II

FORAM LABORATORY

Ms. MONAL S. SHETH
B.Sc., M.L.T.
Mo. 97243 40128 / 94288 83517
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B/h. Atul Medical Stores, Poultry Farm Road, First Gate, Atul.

Name : GAUTTAMRAI P. VAIDYA/ASHA CELLULOSE
Ref By : DR. K.S.DESAI
M.B.B.S.,A.F.I.H.

Age/Sex : Yrs./M
Date : 16/03/2018
Lab No. : 10

EXAMINATION OF URINE

TEST		RESULT	UNIT
Sample	:	RANDOM	
PHYSICAL EXAMINATION			
Quantity	:	35	ml
Colour	:	PALE YELLOW	
Transperancy	:	S. TURBID	
Specific Gravity	:	1.015	
pH	:	ACIDIC	
CHEMICAL EXAMINATION			
Albumin	:	ABSENT	
Sugar	:	ABSENT	
Acetone	:	ABSENT	
Bile Salts	:	ABSENT	
Bile Pigments	:	ABSENT	
Urobilinogen	:	NORMAL : ~ < 1.0 mg/dL	
Occult Blood	:	ABSENT	
MICROSCOPIC EXAMINATION			
Pus Cells / h.p.f.	:	0-1	
R.B.C. / h.p.f.	:	NIL	
Epithelial / h.p.f.	⇧ :	1-2	
Crystals / h.p.f.	:	NIL	
Amorphous Material	:	NIL	
Cast	:	NIL	
Bacteria	⇧ :	++	
Mucus	:	NIL	
Yeast	:	NIL	
Trichomonas	:	NIL	
Spermatozoa	:	NIL	

End Of Report

Ms. Monal S. Sheth
B.Sc.,M.L.T.

Basic Composite Laboratory

The reported result are for the information of the referring Doctor only, laboratory may be contacted whenever required
All Investigations have their limitations which are imposed by the limits of sensitivity and specificity of individual assay procedure as well as the quality of the specimen received by the laboratory. Isolated laboratory investigations never confirm the final diagnosis of the disease. They only help in arriving at a diagnosis in conjuction with clinical presentation and other related investigations.

FORAM LABORATORY

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We Care Health

Dr. Ketan S. Desai
M.B.B.S; AFIH
Consulting Industrial Physician

PRE-EMPLOYMENT MEDICAL CHECKUP REPORT

Name of industry: ASHA CELLULOSE INDIA PVT. LTD., VALSAD Dt: 19/052018

Name: VIJAY N SHAH Birth date: 22/12/1958 Sex: M

Selected for the post: Q.C. – Sr. chemist

C/C: NIL
Family history: Nothing particular

General examination:
Height: 171 cms. Weight: 78 kgs.

Lymphnodes: Not palpable
Hernia/Hydroceele: Absent
Skin: Normal
Vision: N-R6/6 L6/6D-R6/6 L6/6(with glasses)

Varicose veins: Absent
Oral hygiene: Good
Color vision: Normal

Cardio-vascular system:
Pulse: 82/min. B.P.:136/88 mm of Hg

Heart sounds: Normal.

Respiratory system:
Respiratory sounds: Normal

Others: Nil

Alimentary system:
Liver: Not palpable Spleen: Not palpable

Tanderness: Absent

Central nervous system:
Reflexes: Normal Jerks: Normal:

Others: Nil

Musculo-skeletal system:
Tanderness: Nil

Physical deformity: Nil

Ear-nose throat: NAD
Genito-urinary system: NAD

Laboratory reports: No abnormal findings

Audiometry: Hearing within normal limits
Occupational disease: Nil
Observations: Nil
Advise: Nil
The applicant is fit for employment.

DR. KETAN S. DESAI
M.B.B.S.(G-10148)
AFIH(474)
Industrial Health Physician

Dr. Ketan S Desai

URMI CLINIC, POULTRY FARM ROAD, OPP.ATUL FIRST GATE, ATUL. Mo : 9825947525, E mail: ktn_ds@yahoo.co.in

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Occufitt

We Care Health

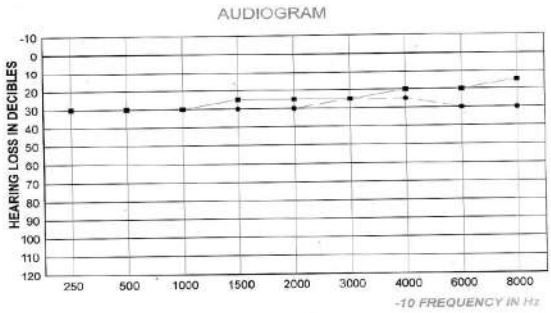
Dr. Ketan S. Desai
M.B.B.S; AFIH
Consulting Industrial Physician

MEDICAL CHECKUP REPORT

Name : VIJAY N SHAH
ASHA CELLULOSE (I) PVT. LTD.
VALSAD

Sr.No. 7718 Dt: 19/May/2018

AUDIOMETER ISO STANDARD



AUDIOMETERY NOT DONE IN SOUNDPROOF ROOM

Right = Left =

COMENTS:
Hearing within normal limits.

Dr. Ketan Desai
M.B.B.S., A.F.I.H.

Time : 8:30 a.m. to 7.30 p.m.
Sunday 8:30 a.m. to 11:30 a.m.

B/h. Atul Medical Stores, Poultry Farm Road, First Gate, Atul.

Name : VIJAY N. SHAH/ASHA CELLULOSE
Ref By : DR. K.S.DESAI
M.B.B.S.,A.F.I.H.

Age/Sex : Yrs./M
Date : 19/05/2018
Lab No. : 7

HAEMOGRAM PROFILE

TEST		RESULT	UNIT	METHOD	REFERENCE INTERVAL
BLOOD COUNTS & INDICES					
Haemoglobin	⇩ :	12.20	gm%		13.5 - 17.0 gm%
Total RBC	⇩ :	4.27	mill/cmm		4.6 - 6.2 mill/cmm
PCV	⇩ :	35.60	%		40 - 54 %
MCV	:	83.37	fL		80 - 96 fL
MCH	:	28.57	pg		27 - 31 pg
MCHC	:	34.27	%		32 - 36 %
RDW	:	13.00	%		10 - 15 %
Total WBC	:	7,800	/cmm		4,000 - 11,000/cmm
Platelet Count	:	2,84,000	/cmm		1.5 - 4.0 Lac/cmm.
DIFFERENTIAL LEUCOCYTES COUNT					
Band Cells	:	00	%		00 - 05 %
Neutrophils	:	70	%		55 - 70 %
Lymphocytes	:	25	%		20 - 40 %
Eosinophils	:	03	%		01 - 06 %
Monocytes	:	02	%		02 - 08 %
Basophils	:	00	%		00 - 01 %
Platelet In Smear	:	ADEQUATE			
ERYTHROCYTES SEDIMENTATION RATE					
ESR After 1st Hour	⇧ :	9	mm	Westergren	01 - 07 mm
Blood Group	:	" A "			
Rh Factor (Anti D)	:	" POSITIVE "			

(Done On Fully Automated Hematology Analyzer : SYSMEX KOHDEN (JAPAN))

End Of Report

Ms. Monal S. Sheth
B.Sc.,M.L.T.

FORAM LABORATORY

Basic Composite Laboratory

The reported result are for the information of the referring Doctor only, laboratory may be contacted whenever required.
All investigations have their limitations which are imposed by the limits of sensitivity and specificity of individual assay procedure as well as the quality of the specimen received by the laboratory. Isolated laboratory investigations never confirm the final diagnosis of the disease. They only help in arriving at a diagnosis in conjuction with clinical presentation and other related investigations.

II JAY JINENDRA II

FORAM LABORATORY

Ms. MONAL S. SHETH
B.Sc., M.L.T.
Mo. 97243 40128 / 94288 83517
Time : 8:30 a.m. to 7.30 p.m.
Sunday 8:30 a.m. to 11:30 a.m.

108 - A, Ratnagiri Plaza, First Gate, ATUL - 396 020, Valsad.
B/h. Atul Medical Stores, Poultry Farm Road, First Gate, Atul.

Name : VIJAY N. SHAH/ASHA CELLULOSE
Ref By : DR. K.S.DESAI
M.B.B.S.,A.F.I.H.

Age/Sex : Yrs./M
Date : 19/05/2018
Lab No. : 7

BIO-CHEM PROFILE

TEST		RESULT	UNIT	REFERENCE INTERVAL
Creatinine	:	0.77	mg/dl	0.3-1.4 mg/dl
S.G.P.T.	:	19.0	U/L	UP TO 40 U/L
Random Blood Glucose (RBS)	:	92	mg/dl	70 - 140 mg/dl
Urine Glucose	:	NIL		

Chem-3 Plus F2 (Transasia)

End Of Report

Ms. Monal S. Sheth
B.Sc.,M.L.T.

FORAM LABORATORY

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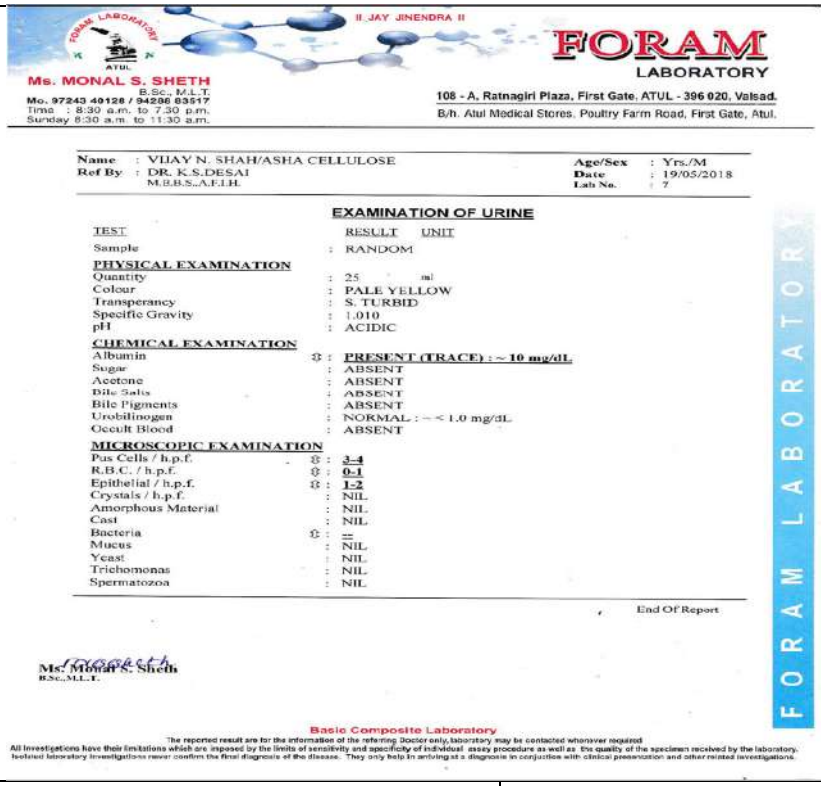

II JAY JINENDRA II

FORAM LABORATORY

Ms. MONAL S. SHETH
B.Sc., M.L.T.
Mo. 97243 40128 / 94286 83517
Time : 8:30 a.m. to 7.30 p.m.
Sunday 8:30 a.m. to 11:30 a.m.

108 - A, Ratnagiri Plaza, First Gate, ATUL - 396 020, Valsad.
B/h. Atul Medical Stores, Poultry Farm Road, First Gate, Atul.

Name : VIJAY N. SHAH/ASHA CELLULOSE
Ref By : DR. K.S.DESAI M.B.B.S.,A.F.I.H.
Age/Sex : Yrs./M
Date : 19/05/2018
Lab No. : 7

EXAMINATION OF URINE

TEST	RESULT	UNIT
Sample	RANDOM	
PHYSICAL EXAMINATION		
Quantity	25	ml
Colour	PALE YELLOW	
Transperancy	S. TURBID	
Specific Gravity	1.010	
pH	ACIDIC	
CHEMICAL EXAMINATION		
Albumin	PRESENT (TRACE) : ~ 10 mg/dL	
Sugar	ABSENT	
Acetone	ABSENT	
Bile Salts	ABSENT	
Bile Pigments	ABSENT	
Urobilinogen	NORMAL : ~ < 1.0 mg/dL	
Occult Blood	ABSENT	
MICROSCOPIC EXAMINATION		
Pus Cells / h.p.f.	3-4	
R.B.C. / h.p.f.	0-1	
Epithelial / h.p.f.	1-2	
Crystals / h.p.f.	NIL	
Amorphous Material	NIL	
Cast	NIL	
Bacteria	--	
Mucus	NIL	
Yeast	NIL	
Trichomonas	NIL	
Spermatozoa	NIL	

End Of Report

Ms. Monal S. Sheth
B.Sc.,M.L.T.

FORAM LABORATORY

Basic Composite Laboratory

The reported result are for the information of the referring Doctor only, laboratory may be contacted whenever required
All Investigations have their limitations which are imposed by the limits of sensitivity and specificity of individual assay procedure as well as the quality of the specimen received by the laboratory. Isolated laboratory investigations never confirm the final diagnosis of the disease. They only help in arriving at a diagnosis in conjuction with clinical preservation and other related investigations.

xix	Green belt over 6325 m^2 area should be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc.	Our total plot area is 22060 m2, out of which we have developed more than 6325 m2 of area as green belt within the premises and periphery of the plot.

SITE PLAN & PHOTOGRAPH OF GREEN BELT

Annexure-12 Layout Plan with Green belt area

SITE PLAN - SCALE : 1 CM : 20.00 MT.

Layout Plan

ASHA CELLULOSE

COLOUR NOTE :
EXTENSION WORK SHOWN IN PINK
APPROVED WORK SHOWN IN GREEN
PLOT BOUNDRY SHOWN IN BROWN
FIRE HYDRENT LINE SHOWN IN RED
GUTTER WORK SHOWN IN BLUE
OPEN GREEN AREA SHOWN IN
ALL DIMENSION ARE IN METER

S. No	Particulars of Area	Existing (m^2)	After Expansion (m^2)
1.	Area	1558	2420
2.	Storage Area	740	1410
3.	Utility Area	489	651
4.	ETP Area	433	1201
5.	Pilot Plant	56	56
6.	Office Buildings	250	250
7.	Green Belt Area	5125	6325
8.	Roads	3105	3355
9.	Open Area	10306	6394
	Total Area	**22062**	**22062**

Map
G. Map

10

Green Belt Behind Office

Green Belt Behind Office

Factory Main Road

Open Green Belt

Green Belt Behind ETP

	Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	We have selected plant species as per the CPCB guidelines in consultation with the DFO.
xx	All the commitments made to the public during the Public Hearing/ Public Consultation meeting held on 15th December, 2012 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional office at Bhopal.	We have complied with all the commitment made during the public hearing/public consultation held on 15/12/2012. We have also made separate budget for the implementation. There were no specific assurances committed in the public hearing / public consultation held on 15.12.2012. Copy of public hearing proceedings is enclosed herewith.

PUBLIC HEARING PROCEEDINGS

REGIONAL OFFICE, VAPI

GUJARAT POLLUTION CONTROL BOARD

Plot No. C-5/124, N. H. No. 8, G.I.D.C., Vapi – 396 195.

PUBLIC HEARING PROCEEDING

It is hereby informed that as per the Ministry of Environment and Forests, Government of India, New Delhi vide its Notification No. S. O. 1533 dated 14th September, 2006 and subsequent amendment S.O. 3067 (E) dated 1st December 2009. Public Hearing was fixed for the proposed Expansion of Existing Capacity of Ethyl Cellulose Plant from 20 TPM to 99.69 TPM, which is covered under **Category – A of the Schedule at 5(f)** at: Survey No.: 303/2 & 302/P, Village: Abrama, Ta. & District: Valsad, (Gujarat) of **M/s. Asha Cellulose (I) Private Ltd.,** for located at 303/2 & 302/P, Village: Abrama, Ta. & District: Valsad, (Gujarat).

A copy of the draft Environment Impact Assessment Report and the Executive Summary of Environmental Impact Assessment Report were sent to the following authorities or offices to make it available for inspection to the public during normal office hours, till the Public Hearing is over.

1. The District Collector Office, Valsad.
2. District Development Office, Valsad.
3. District Industry Centre, Valsad.
4. Taluka Development Office, Tal: Valsad, Dist.: Valsad.
5. The Chief Conservator of Forests,
   Ministry of Environment & Forests,
   Govt. of India, Regional Office (West Zone),
   Kendriya Paryavaran Bhavan, E – 5, Area Colony,
   Link Road – 3, Ravishankar Colony,
   BHOPAL – 462 016.
6. Regional Office, Gujarat Pollution Control Board, Plot No. C-5/124, N. H. No. 8, G.I.D.C., Vapi - 396195.

Other concerned persons having plausible stake in the environmental aspects were requested to send their response in writing to the concerned regulatory authorities. They were requested to send their comments to the regulatory authorities as under:

Central Government in Ministry of Environment and Forest, Govt. of India, CGO Complex, Lodhi Road, New Delhi – 110 003 as the matter falls under Category A of schedule of the aforesaid Notification.

The Public Hearing was scheduled on 15/12/2012 at 11:00 hrs. at Shree Saurastra Patel Kadva Padidar Samaj Hall, Dharmpur Char Rasta, NH-8, Valsad, **Gujarat.**

An advertisement in English was published in the daily newspaper **"Times of India" dated 09/11/2012** and in Gujarati in daily newspaper **"Gujarat Samachar" dated 08/11/2012.**

Shri J.K. Gadhavi (G.A.S.), Additional District Magistrate and Residential Additional Collector, Valsad supervised and presided over the entire public hearing proceedings.

A statement showing participants present during the Public Hearing is enclosed herewith as **Annexure – A.**

REGIONAL OFFICE, VAPI

GUJARAT POLLUTION CONTROL BOARD

Plot No. C-5/124, N. H. No. 8, G.I.D.C., Vapi – 396 195.

A statement showing salient points highlighting issues raised by the participants and responded by the representative of the applicant during the Public Hearing in **English language** is enclosed as **Annexure B** and in **Gujarati language** is enclosed herewith as **Annexure B1.**

A statement showing issues raised by the other concerned persons having plausible stake in the Environment aspects & responded by the representative of the applicant is enclosed as Annexure C1 & C2 and reply from the company proponent is enclosed as annexure D1 & D2.

Place: Abrama
Ta. & Dist.: Valsad
Date: 15/12/2012

G. V. Patel
Regional Officer,
GPCB, Vapi and
representative of the
Member Secretary, GPCB

J.K. Gadhavi (G.A.S.)
Additional District Magistrate
and Residential Additional
Collector, Valsad

Encl: 1 Annexure A, B, B1, C-1 & C2 and D-1 & D-2 as above
2 Video CD/DVD of Public Hearing

ANNEXURE – A

As per the Ministry of Environment and Forests, Government of India, New Delhi, vide its notification no. S.O.1533(E) dated 14/09/2006, Public Hearing is fixed for the following project covered under **Category 'A' M/s. Asha Cellulose (I) Private Ltd.**, for Expansion of Existing Capacity of Ethyl Cellulose Plant from 20 TPM to 99.69 TPM, at : Survey No.: 303/2 & 302/P, Village: Abrama, Ta. & District: Valsad, (Gujarat). The statement showing Participants present during public Hearing held on 15th December, 2012 at 11:00 a.m. at Shree Saurastra Patel Kadva Padidar Samaj Hall, Dharmpur Char Rasta, NH-8, Valsad, is **as under:**

ભારત સરકારના વન અને પર્યાવરણ મંત્રાલય, નવી દિલ્હીના જાહેરનામા ક્રમાંક :એસ.ઓ. ૧૫૩૩ (ઇ) તા. ૧૪-૦૯-૨૦૦૬ અન્વયે કેટેગરી "એ" માં આવરી લેવાયેલ મેસર્સ. આશા સેલ્યુલોઝ (ઇ) પ્રાઇવેટ લિમીટેડ, સર્વે નં : ૩૦૩/૨ અને ૩૦૨/પી, ગામ : અબ્રામા, તા. જિ. વલસાડ (ગુજરાત) ખાતે હયાત ઇથાઇલ સેલ્યુલોઝ ૨૦ ટી.પી.એમ. પ્લાન્ટની ઉત્પાદન ક્ષમતા ૯૯.૬૯ ટી.પી.એમ. વધારવા માટેની સુધિત પરિયોજના (પ્રોજેક્ટ) ની અરજી અનુસંધાને લોક સુનાવણીનું આયોજન કરવામાં આવેલ છે.

તા. ૧૫/૧૨/ ૨૦૧૨ ના રોજ સવારે ૧૧:૦૦ કલાકે શ્રી. સૌરાષ્ટ્ર પટેલ કડવા પાટીદાર સમાજ હોલ, ધરમપુર ચારરસ્તા, રાષ્ટ્રીય ધોરીમાર્ગ -૮, વલસાડ, (ગુજરાત) ખાતે યોજવામાં આવેલ લોક સુનાવણીમાં હાજર રહેલા લોકોની યાદી :

Sr.No. ક્રમાંક	Name and Designation નામ અને હોદ્દો	Organization/Village સંસ્થા/ગામ	Sign સહી
1	Rahul Shah	Valsad	
2	Sunil Patel	Valsad	
3	Babubhai B Mehta	Valsad	
4	Dr. Hemakumar Nath	Surat	
5	Dr. H M Bhatt	Vapi	
6	Rujul Bhatt	Vapi	
7	Rameshbhai Patel	Valsad	
8	[illegible]	[illegible]	
9	[illegible]	[illegible]	
10	[illegible]	[illegible]	
11	Chetan Kakaraju	Surat	
12	J. M. Chaudhary	GPCB	
13	D. L. Jani	GPCB	
14	Ashok B. Patel	GPCB-Vapi	

Sr.No. ક્રમાંક	Name and Designation નામ અને હોદ્દો	Organization/Village સંસ્થા/ગામ	Sign સહી
15	Dinesh N. Ahir	Kanjan hari	
16	Krushnakant S Desai	Abrama	
17	Jayesh R. Surai	Dharmori	
18	Sudhir R. Patel	Abrama	
19	Sanjay A. Joshi	Vapi	
20	Chabili P Jagaletha	Vapi	
21	Kalpana Lukhani	Vapi.	
22	Savita Upadhyay	Valsad	
23	Yogesh Joshi	Vapi	
24	Megha Sharma	Vapi	
25	Ushma Pandya	Vapi	
26	Divyesh M. Damania	Surat.	
27	Madhusudan Pandit	Surat.	
28	Shoaib [illegible]	Dharmori	
29	Dilip A Patel	Thakur Vadi	
30	S. K. Mandi	Atul	
31	Chetan. M. Patel	Atgam	
32	Dharmeshbhai A Patel	[illegible]	
33	Sushil Kumar. N. Patel.	Ferusawaya.	
34	Kunshil S Patel	Abrama	
35	[illegible]	BMP	
36	Pankaj S Nikale	[illegible]	
37	[illegible]	[illegible]	
38	[illegible]	[illegible]	
39	Bhushail Patel	Valsad.	
40	Jigneesh Patel	[illegible]	
41	Parimal H Desai	Abrama	
42	D. [illegible] Upadhyay.	Mahuva	

Sr.No. ક્રમાંક	Name and Designation નામ અને હોદ્દો	Organization/Village સંસ્થા/ગામ	Sign સહી
43	Bharat J Ministry	Asha Pam Cellos Valsad	
44	Tejal Soorkdeda	Atakpardi Valsad	
45	Bipin L. Shah	Tadia Pathri Dharbhirdad	
46	Kirit. V. Patel	Halar Nanukwad Valsad	
47	Kalpesh C Desai	Halar Nanukwada Valsad	
48	Kanti M. Patel	Valsad Taluka Board.	
49	Hiren R. Desai	Vajifdar street Halar, Valsad	
50	Yashwant J Patel	Tathal Aal Valsad Municipality	
51	Sunil B. Patel	Juvva, Valsad	
52	Dilip H. Patel	Abrama.	
53	[illegible] S. Patel	Abrama	
54	Pareesa M. Patel	[illegible]	
55	Ajay M. Patel	Abrama	
56	Ramesh C. Patel	Anjlar	RLP

Sr.No. ક્રમાંક	Name and Designation નામ અને હોદ્દો	Organization/Village સંસ્થા/ગામ	Sign સહી
57	R.C. Purohit	Vithal	
58	Mitesh Desai	Valsad	
59	Pravin bhai Shah Senior Civil Technician	Anklesvar	
60	Vishwas Sheth	Valsad	
61	Dilip J. Desai	VALSAD	
62	Devang J Chadwal	Vithal	
63	Tejas A. Bulsara	Valsad	
64	Hemant R. Patel	Ronvel	
65	Mukesh D. Patel	Valsad	
66	IQBAL QURESHI	Valsad	
67	Devang M. Desai	Valsad	
68	Ashwin R Patel	Ronvel	
69	Ashok S Rawal	Valsad	
70	Pankaj C Patel	Valsad	

REGIONAL OFFICE, VAPI

GUJARAT POLLUTION CONTROL BOARD

Plot No. C-5/124, N. H. No. 8, G.I.D.C., Vapi – 396 195.

Annexure – B (ENGLISH)

A statement showing issues raised by the participants and responses by the representative of the applicant during the Public Hearing

The Ministry of Environment and Forests, Government of India, New Delhi, Vide its Notification No. S. O. 1533 dated 14th September 2006 and subsequent amendment No. S.O. 3067 (E) dated 1st December 2009, Public Hearing was conducted to enhance the production capacity of Ethyl Cellulose from 20 TPM to 99.69 TPM which is covered under **Category – A of the Schedule 5(f)**, of M/s. Asha Cellulose (I) Pvt. Ltd., Survey No.: 302/P & 303/2 , Village: Abrama, Ta. & District: Valsad, (Gujarat) on 15/12/2012 at 11:00 hrs. at Shree Saurastra Patel Kadva Patidar Samaj Hall, Dharmpur Char Rasta, NH-8, Valsad, Gujarat

Shri J. K. Gadhavi (G.A.S), Additional District Magistrate, Valsad supervised and presided over the entire public hearing process.

Shri G. V. Patel, Regional Officer, GPCB, Vapi as a Representative of the Member Secretary, Gujarat Pollution Control Board welcomed all present in the Public Hearing. He outlined the various provisions of the Notification and briefed the procedural details for conducting this public hearing including step taken by GPCB for vide publicity of this public hearing and the advertisement given earlier in the local daily newspapers. He announced that as per the provision of Notification, only locally affected persons will be allowed to represent in the Public Hearing while others having plausible stake holders may give their representation in writing which would be included in the proceedings.

He then opened the Public Hearing with the due permission from the Additional District Magistrate. He invited the project proponent to give their introduction and to make the presentation of their proposed expansion project.

Thereafter presentation in Gujarati language covering introduction of the company, product profile, technical information, detail of proposed project, Environmental Management System, its impact on the environment along with proposed mitigation measures and industry's proposed activities regarding Corporate Social Responsibilities was presented by representative of project proponent.

After the presentation by the project proponent, Regional Officer, Gujarat Pollution Control Board with the due permission of the Additional District Magistrate opened the forum for representations / suggestions / objections from the locally affected people.

The issues / suggestions / objections / opinions raised by the participants and responded by the representative of the project during the Public Hearing are as under:

REGIONAL OFFICE, VAPI

GUJARAT POLLUTION CONTROL BOARD

Plot No. C-5/124, N. H. No. 8, G.I.D.C., Vapi – 396 195.

Sr. No.	Who asked the question	Question details	Response from the party & comment from the dias
1	Shri Ikbal Kureshi Village: Valsad	• Asked that how much water of municipality is used by this company and how much quantity will be used in future?	Representative from the project Proponent replied that company is using their own borewell water and will continue to use in future also.
2	Shri Vishwas Village: Valsad	• How much quantity of solvent is to be used by the company and how much is to be recovered? • He further asked about Mockdrill, Safety Audit and Risk Assessment etc. are carried out at regular interval or not?	Representative from the project Proponent replied that Solvent recovery @ 96% is carried out and Mockdrill & Safety Audit etc. are being carried out annually and Report is also forwarded to factory inspector.
3	Shri S.K. Nandi Village: Atul	• What will be the treatment cost in the ETP?	Representative from the project Proponent replied that for the proposed expansion Rs. 43/KL cost will be incurred for industrial effluent treatment.
4	Shri Rajnikant Desai Village: Valsad	• Whether for proposed project local people will get the employment or not?	Representative from the project Proponent replied that employment will be given to the local people based on their qualification and experience.
5	Shri Pravinbhai Purusottambhai Bhanusali Village: Valsad	• As Company is located in the area of Nagarpalika, any officer of the Nagarpalika is present here or not? • He added that after 16/11/2012 whether Nagarpalika has given any permission. M/s. Asha Cellulose (I) Pvt. Ltd. has conducted this kind of public hearing which is highly appreciable and other company should also do same activity. • He further informed that	Shri G.V.Patel, Regional Officer, GPCB, Vapi enquired about the present of officers from Valsad Nagarpalika and on inquiry stated that nobody from Nagarpalika has turned up in the Public Hearing. -- --

Sr. No.	Who asked the question	Question details	Response from the party & comment from the dias
		recently permission was granted to the project of Rs. 170 Crore of M/s. Sidmak Laboratories but this kind of public hearing was not conducted. • He asked whether company is located in Gundlav GIDC or Valsad? • He added that Gujarat Pollution Control Board has also issued notice to the Nagarpalika for the sewage treatment Plant. • In addition he mentioned that it is necessary that action should be taken by the collector in case of pollution by the Nagarpalika.	Representative from the project Proponent replied that this plant is located in the area of Valsad Nagarpalika. Shri G.V.Patel, Regional Officer, GPCB, Vapi informed that action will be taken as an when required. --
6	Shri Rajendra Parekh, Valsad	• Asked the company to clarify whether Caustic Solution is generated in existing manufacturing process? As to why caustic solution will not be generated in the new project?	Representative from the project Proponent replied that consumption of Caustic is more in aqua process but proposed expansion will be solvent based, so consumption of caustic will be less and there will be no generation of additional spent caustic.
7	Shri Hiren Desai, Valsad	• Whether proposed R.O. and MEE system are viable or not?	Representative from the project Proponent replied that feasibility trials conducted in the plant and details are also mentioned in the project report.
8	Shri Atul Sankadecha Valsad	• How many accidents or causalities occurred in last five years?	Representative from the project Proponent replied that no such accidents or casualties occurred during last five years.

Mr. G V Patel, RO, GPCB, Vapi said that the public hearing has been carried out as per the provisions of the EIA Notification 2006 (as amended) and as per the procedure laid down under the said notification during which the local affected people present in the hearing have stressed on protection of environment, local employment and social responsibility and also summarised that the participation of the public from affected villages showed that wide publicity of the Public Hearing had been carried out by the Project Proponent.

The Public Hearing concluded with vote of thanks to the Chair.

Date: 15/12/2012
Venue: Abrama
Tal. & Dist.: Valsad

G. V. Patel
Regional Officer, GPCB, Vapi & Representative of Member Secretary, GPCB

J. K. Gadhavi (I.A.S)
Additional District Magistrate and Resident Additional Collector, Valsad

એનેક્ષર –બી ૧ (પરિશિષ્ટ –બી૧) ગુજરાતી

લોક સુનાવણી દરમિયાન હાજર લોકો દ્વારા રજુ કરવામાં આવેલ મુદ્દાઓ અને અરજદારના પ્રતિનિધિ દ્વારા આપવામાં આવેલ જવાબ

ભારત સરકારના વન અને પર્યાવરણ મંત્રાલય નવી દિલ્હીના જાહેરનામા ક્રમાંક :એસ.ઓ. ૧૫૩૩ તા. ૧૪-૦૯-૨૦૦૬ અને પછી સુધારેલ એસઓ. ૩૦૬૭ (ઇ) તા. ૦૧-૧૨-૨૦૦૯ અન્વયે લોક અભિપ્રાય મેળવવાની પ્રક્રિયાના ભાગરૂપે લાગતા વળગતા સ્થાનિક અસરગ્રસ્ત લોકોની રજુઆત/પ્રશ્ન/સુચનો આવરી લેવા અને ધ્યાને લેવા હેતુ સર કેટેગરી -" એ" શિડયુલ ૫(એક)માં આવરી લેવાયેલ **મેસર્સ. આશા સેલ્યુલોઝ (ઇ) પ્રાઇવેટ લિમીટેડ,** સર્વે ન : ૩૦૩/૨ અને ૩૦૨/પી, ગામ : અબ્રામા, તા. જિ. વલસાડ (ગુજરાત) તેના ઇથાત ઇથાઇલ સેલ્યુલોઝ ૨૦ ટી.પી.એમ. પ્લાન્ટની ઉત્પાદન ક્ષમતા ૦૦.૬૦ ટી.પી.એમ. વધારવા માટેની સુચિત પરીયોજનાની અરજી અનુસ્થાને લોક સુનાવણીનું આયોજન તા. ૧૫/૧૨/૨૦૧૨ ના રોજ સવારે ૧૧:૦૦ કલાકે શ્રી. સૌરાષ્ટ્ર પટેલ કડવા પાટીદાર સમાજ હોલ, ધરમપુર આરરસ્તા રાષ્ટ્રીય ધોરીમાર્ગ -૮. વલસાડ. (ગુજરાત) ખાતે રાખવામાં આવેલ.

સમગ્ર લોકસુનાવણીની કાર્યવાહી શ્રી જે.કે.ગઢવી ,(જી.એ.એસ.) અધિક જિલ્લા મેજીસ્ટ્રેટશ્રી, વલસાડની દેખરેખ તથા અધ્યક્ષપણા હેઠળ કરવામાં આવેલ

શ્રી જી.વી.પટેલ, પ્રાદેશિક અધિકારી, ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ વાપી તથા સભ્ય સચિવશ્રી ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડના પ્રતિનિધિએ લોકસુનાવણીમાં ઉપસ્થિત સૌને આવકાર્યા. તેઓએ ઇ.આઇ.એ. નોટીફિકેશન અંતર્ગત વિવિધ જોગવાઇઓ અને લોકસુનાવણીની પ્રક્રિયા બાબતે સંક્ષિપ્તમાં માહિતી આપી. તેમણે લોકસુનાવણીની બહોળી પ્રસિધ્ધિ અંગે ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ દ્વારા સ્થાનિક દૈનિક પત્રોમાં તા. ૮/૧૧/૨૦૧૨ ના રોજ "ગુજરાત સમાચાર" ગુજરાતીમાં અને "ટાઇમ્સ ઓફ ઇન્ડિયા" અંગ્રેજી પત્રમાં તા. ૯/૧૧/૨૦૧૨ ના રોજ અગાઉ આપવામાં આવેલ જાહેરખબર વિશે જણાવેલ કે નોટિફિકેશનની જોગવાઇ અનુસાર ફક્ત સ્થાનિક અસરગ્રસ્ત લોકો જ આ લોક સુનાવણીમાં મૌખિક રજુઆત કરી શકશે જ્યારે હિત ધરાવતા અન્યવ્યક્તિઓ તેઓની રજુઆત લેખિતમાં રજુઆત કરી શકશે જેનો કાર્યસુચિમાં સમાવેશ કરવામાં આવશે.

ત્યારબાદ અધિક જિલ્લા મેજીસ્ટ્રેટશ્રીની પરવાનગીથી પ્રાદેશિક અધિકારી, ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ વાપી દ્વારા સુચિત પરીયોજના અંગે સંક્ષિપ્તમાં રૂપરેખા આપવા જણાવેલ.

ત્યારબાદ મેસર્સ આશા સેલ્યુલોઝ (ઇ) પ્રાઇવેટ લિમીટેડના પ્રતિનિધિ દ્વારા ગુજરાતીમાં રજુઆતમાં કરવામાં આવી જેમાં કંપનીની ટેકનીકલ માહિતી, ઉત્પાદન અંગેની માહિતી, સુચિત પરીયોજનાની માહિતી પર્યાવરણ વ્યવસ્થાપન પધ્ધતિ, મુચિત નિવારક પગલાંઓ સહ પર્યાવરણ પર થનાર અસર અને ઉદ્યોગ દ્વારા કરવામાં આવનાર સામાજિક પ્રવૃતિઓ વિશે ગુજરાતી ભાષામાં પ્રેઝન્ટેશન કરવામાં આવ્યું

પ્રેઝેન્ટેશન પુર્ણ થયા બાદ પ્રાદેશિક અધિકારી, ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ વાપી દ્વારા સ્થાનિક લોકોને રજુઆત તથા અભિપ્રાય રજુ કરવા જણાવવામાં આવ્યું તેમજ તેમણે ઉમેર્યું કે ઉપસ્થિત/ હાજર રહેલા લોકો તેમના સુચનો લેખિતમાં લોકસુનાવણી દરમ્યાન પર્યાવરણીય લોકસુનાવણીના અધ્યક્ષશ્રીને આપી શકે છે ત્યારબાદ અધિક જિલ્લા મેજીસ્ટ્રેટશ્રીની અનુમતિથી સ્થાનિક અસરગ્રસ્ત લોકોની રજુઆત/અભિપ્રાય/સુચનો માટે મંચ ખુલ્લો મુકવામાંઆવ્યો.

લોક સુનાવણી દરમિયાન હાજર રહેલ સ્થાનિક લોકો દ્વારા પુછવામાં આવેલ પ્રશ્નો તેમજ અરજદારના પ્રતિનિધિ દ્વારા આપવામાં આવેલ જવાબો નીચે મુજબ છે

ક્રમાંક	પ્રશ્ન પુછનારનું નામ	રજુઆતોની વિગતો	કંપની દ્વારા અપાયેલ પ્રત્યુત્તર
૧.	શ્રી. ઇકબાલ કુરેશી ગામ: વલસાડ જિ. વલસાડ	આ કંપની વલસાડ મ્યુનિસીપાલિટીનું કેટલું પાણી વાપરે છે અને ભવિષ્યમાં કેટલું વાપરશે ?	ઉપોગના પ્રતિનિધિશ્રી એ જણાવ્યું કે કંપની પોતાના બોરવેલના પાણીનો જ ઉપયોગ કરે છે અને કરશે.
૨	શ્રી. વિશ્વાસ ગામ: વલસાડ	આ કંપની કેટલું સોલવન્ટ વાપરે છે અને તેનો પુન: વપરાશ કેટલો કરે છે? તેમણે વધુમાં જણાવ્યું કે મોકડ્રીલ સેફટી ઓડીટ અને રીસ્ક અસેસમેન્ટ સમયાંતરે કરાવો છો કે કેમ ?	ઉપોગના પ્રતિનિધિશ્રી એ જણાવ્યું કે સોલવંટ રીકવરી આશરે ૦૬૪ જેટલી થાય છે તેમજ મોકડ્રીલ અને સેફટી ઓડીટ વાર્ષિક ધોરેણે કરીએ છીએ અને ફેકટરી ઇન્સ્પેક્ટરને અહેવાલ મોકલીએ છીએ.

૩	શ્રી. એસ.કે. નંદી, ગામ : અતુલ	આ કંપનીનો ઇ.ટી.પી. પ્લાન્ટનો કેટલો ખર્ચ થશે ?	ઉદ્યોગના પ્રતિનિધિશ્રી એ જણાવ્યું કે રૂ ૪૩ પ્રતિ કિલો લીટર સુચિત પરીયોજના અંતર્ગત ઔધોગિક ગંદાપાણીના શુધ્ધિકરણ માટે ખર્ચ થશે.
૪	શ્રી. રજનીકાંત દેસાઇ ગામ: વલસાડ	આ આવનાર પ્લાન્ટમા સ્થાનિક લોકોને રોજગારી મળશે કે કેમ?	ઉદ્યોગના પ્રતિનિધિશ્રી એ જણાવ્યું કે સ્થાનિક લોકોને તેમની શૈક્ષણિક લાયકાત અને અનુભવના આધારે રોજગારી આપવામાં આવશે
૫	શ્રી. પ્રવિણભાઇ પુરષોત્તમભાઇ ભાનુશાળી ગામ: વલસાડ	કંપની નગરપાલિકાની હદમાં આવેલ હોય તો નગરપાલિકાનો કોઇ અધિકારી આવેલ છે કે કેમ?	શ્રી.જી.વી.પટેલ, પ્રાદેશિક અધિકારી, જી.પી.સી.બી. વાપી દ્વારા પુરુંછ કરવામાં આવતા વલસાડ નગરપાલિકાના કોઇપણ અધિકારીશ્રી લોક સુનાવણીમાં હાજર હતાં નહી
		તેમણે વધુમાં જણાવ્યુ કે કંપની ૧૬-૧૧-૨૦૧૨ પછી નગરપાલિકાએ પરવાનગી આપવી પડશે. આશા સેલ્યુલોઝ દ્વારા આવી લોક સુનાવણી કરી તે સારી વાત છે અને કંપનીઓ એ આ પ્રકારની કાર્યવાહી કરવી જોઇએ.	--
		તેમણે વધુમાં જણાવ્યુ કે જે ૬મણાં સીડમેક લેબોરેટરીનો ૧૩૦	--

REGIONAL OFFICE, VAPI

GUJARAT POLLUTION CONTROL BOARD

Plot No. C-5/124, N.H.No. 8, G.I.D.C., Vapi – 396 195.

		કરોડનો પ્લાન્ટની મંજુરી આપવામાં આવેલ હોય પણ તે કંપની દ્વારા આમ કરવામાં આવેલ ન હતું	
		તેમણે વધુ માં જણાવ્યું કે આ કંપની વલસાડ શહેરમાં આવે છે કે ગુદલાવ જી.આઇ.ડી.સી.માં આવે છે?	ઉદ્યોગના પ્રતિનિધિશ્રી એ જણાવ્યું કે આ પ્લાન્ટ વલસાડ નગરપાલિકા વિસ્તારમાં આવેલ છે.
		તેમણે વધુમાં જણાવ્યુ કે નગરપાલિકાને ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ દ્વારા ડ્રેનેજ પ્લાન્ટ માટે નોટીસ મોકલવામાં આવેલ છે.	શ્રી.જી.વી.પટેલ, પ્રાદેશિક અધિકારી, જી.પી.સી.બી. વાપી, દ્વારા જણાવેલ કે જરૂર જણાય ત્યારે પગલાં લેવામાં આવે છે
		તેમણે વધુમાં જણાવ્યુ કે વલસાડ નગરપાલિકામાં થયેલ પ્રદુષણ બાબતની કાર્યવાહી કલેક્ટરશ્રી અને અધિકારીઓ દ્વારા કરવામાં આવે તે જરૂરી છે.	--
૬	શ્રી. રાજેન્દ્ર પારેખ ગામ: વલસાડ	હાલના ઉત્પાદનમાં કોસ્ટીક સોલ્યુશન ઉત્પન્ન થાય છે અને નવા પ્રોજેક્ટમાં કોસ્ટીક ઉત્પન્ન થવાનું નથી તો તે બાબતે કંપની ખુલાસો કરે?	ઉદ્યોગના પ્રતિનિધિ દ્વારા તેમનો પ્રત્યુત્તરનો આપતા જણાવ્યું કે એકવા પ્રોસેસમાં કોસ્ટીકનો ઉપયોગ વધારે થાય છે પરંતુ સુચિત યોજનામાં સોલવન્ટ પ્રક્રીયા હોવાથી કોસ્ટીકનો ઉપયોગ બહુ ઓછો થવાનો છે જેથી કરીને સુચિત વિસ્તરણમાં

REGIONAL OFFICE, VAPI

GUJARAT POLLUTION CONTROL BOARD

Plot No. C-5/124, N.H.No. 8, G.I.D.C., Vapi – 396 195.

			વધારાનો સ્પેન્ટ કોસ્ટીક ઉત્પન્ન થનાર નથી.
૭	શ્રી. હીરેન દેસાઇ, ગામ: વલસાડ	સુચિત આર.ઓ. અને એમ.ઇ.ઇ. સીસ્ટમ વાયેબલ છે કે કેમ?	ઉદ્યોગના પ્રતિનિધિ દ્વારા તેમનો પ્રત્યુત્તરનો આપતા જણાવ્યું કે અમે અમારા પ્લાન્ટમાં ફિઝીબીલીટી ટ્રાયલ લીધેલ છે તથા પ્રોજેક્ટ રીપોર્ટમાં વિગતો દર્શાવેલ છે.
૮	શ્રી. અતુલ સાંકડેચા ગામ: વલસાડ	છેલ્લાં પાંચ વર્ષમાં કેટલાં અકસ્માત તથા મૃત્યુ થયેલા છે તે જણાવો?	ઉદ્યોગના પ્રતિનિધિ દ્વારા જણાવ્યું કે કંપનીમાં પાંચ વર્ષમાં કોઇ અકસ્માત કે મૃત્યુ થયેલ નથી.

શ્રી જી.વી.પટેલ, પ્રાદેશિક અધિકારી, ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, વાપીએ કહ્યુ કે લોકસુનાવણી ઇ.આઇ.એ. નોટીફિકેશન ૨૦૦૬ (અને ત્યારબાદનાં સુધારા) પ્રમાણે કરવામાં આવેલ છે અને લોકસુનાવણીમાં હાજર રહેલ સ્થાનિક અસરગ્રસ્ત લોકોએ પર્યાવરણ રક્ષણ, સ્થાનિક રોજગારી અને સામાજિક જવાબદારી ઉપર ભાર આપ્યો હતો અને સંક્ષિપ્તમાં અસરગ્રસ્ત ગામોમાંથી આવેલા લોકોએ ભાગ લીધો હોય તેમજ ઔધોગિક એકમ દ્વારા લોક સુનાવણીની બહોળી પ્રસિધ્ધિ કરેલ છે, પ્લાન્ટની સ્થાપના અને બાંધકામ દરમ્યાન સ્થાનિક લોકો, સ્થાનિક સોસાયટી અને સ્થાનિક પર્યાવરણને ધ્યાનમાં લેવા જોઇએ.

અધિક જિલ્લા મેજિસ્ટ્રેટશ્રીના આભાર સહ લોક સુનાવણી સમાપ્ત થયેલ જાહેર કરવામાં આવી.

તારીખ : ૧૫/૧૨/૨૦૧૨
સ્થળ : અબ્રામા,
તા. જી. વલસાડ

જી.વી.પટેલ
પ્રાદેશિક અધિકારી, ગુ.પ્ર.નિ. બોર્ડ,
વાપી અને સભ્ય સચિવશ્રી,
ગુ.પ્ર.નિ. બોર્ડના પ્રતિનિધિ

જે. કે. ગઢવી (જ.સ.એ.)
અધિક જિલ્લા મેજિસ્ટ્રેટશ્રી અને
નિવાસી અધિક કલેકટરશ્રી,
વલસાડ

ANNEXURE - C1

PARYAVARAN MITRA

(JANVIKAS)
502, Raj Avenue, Bhaikaka Nagar Road, Nr. Thaltej Cross Road, Thaltej, Ahmedabad - 380 059
Telefax - (079) 26851321 • Phone : (079) 26851801
Email : paryavaranmitra@yahoo.com Website : http://paryavaranmitra.org.in

Ref: PM/MP/ 1057/2012 Date: 5/12/2012

To
Shri Hardik Shah
Member Secretary
Gujarat Pollution Control Board
Gandhinagar

Sub. : Environmental Public Hearing of M/s. Asha Cellulose (I) Pvt. Ltd., for proposed expansion at Village Abrama, Dist : Valsad on December 15, 2012.

Sir,

We have reviewed draft EIA report of the above-mentioned project. Following are our comments/suggestions/observations regarding project and EIA report.

1. Please give copy of GPCB visit report and air/water/solid waste sample analysis report for existing unit in last two years.
2. Whether company had been issued show cause notice / closure order/notice under Water Act 1974 or Air Act 1981 or Environment Protection Act 1986 since starting of existing unit? If yes give copy of it. Also what remedies had been taken for restarting operation?
3. Whether unit has submitted Environmental Audit Reports regularly to GPCB for existing plant? What were suggestions of Auditor in last two years report?
4. Please give actual data of production, water usage, wastewater generation and energy bills for months of year 2010 and 2011.
5. October to December 2011 does not represent one season for environmental baseline monitoring as per the MoEF guideline. Clarify.
6. Why reconfirmation of monitoring was done in April 2012 by Precitech laboratories?
7. Why baseline monitoring was started in October 2011 before issuance of Terms of Reference which was in November 2011?
8. Please give name of MoEF authorized recycler/trader to whom used oil and containers are given for existing unit.
9. Please give name of companies to whom spent caustic is sold in last five years.
10. Please give membership certificate copies at VWEMCL and BEIL, Ankleshwar.
11. Please give exact date of monitoring for each sample of ambient air, water, noise and soil sampling.
12. How many skilled and unskilled people from surrounding area will get employment in proposed expansion project?

Yours truly

Mahesh Pandya
Cc: (1) Regional officer, GPCB, Vapi
(2) District Collector, Valsad

GUJARAT POLLUTION CONTROL BOARD
Inward No. 7571
Date 10/12/12
REGIONAL OFFICE VAPI

ANNEXURE - C2

Date: 12/12/2012

From :
Pravinbhai Sheth, A-8, Kalindi Appartment, Chikuwadi,Ankleshwar–393001. Gujarat.
Senior Citizen and environmentalist
Cell No. : 09377958840

To.	copy	copy
Member Secretary Gujarat Pollution Control Board. Gandhinagar Fax : 079 – 23222784 / 23232161 E mail ms-gpcb@gujarat.gov.in	RO, GPCB , Vapi, Ph, (0260) 2432089, 2426207 Fax (0260) 2432826 Email gpcb-val@gujarat.gov.in	Dist. Collector, Valsad Ph . 02632 - 253613 Email collector- val@gujarat.gov.in

Sub : Environment public hearing of Asha Cellulose (I) Pvt. Ltd,
Village: Abrama, Dist. Valsad, Gujarat, on 15 Dec 2012.

Respected Mr. Hardik Shah Saheb

On my review, I appreciate, on set, the report is very descriptve and supported by authentic data. Still there is a scope for some improvements to update draft REIA report further.

I hope, my positive feed back and valuable in puts may help proponent to up date the draft REIA report further for a better and an effective presentation to GPCB/MoEF seniors.

REPLY THROUGH HARD COPY TO SEND TO ME AT MY ABOVE ADDRESS.

FEED BACK

We would like to seek few clarifications about the project from project proponent, it's environment protection measures and on it's sustainability.

01 What is a payback period against capital cost as estimated?
02 What are your plans for odor control if any?
03 Are there any chances for contamination of ground water from your proposed project?
04 To promote green concept, will you prefer to give additional incentives to your employees who will plant maximum trees in any financial year and give an award to them on next world environment day schedule every year on 5th june.
05 How many persons can be accomodated in assembly point at any point of time?
06 As regards , mutual aids, have you surveyed how many industries/ infra structural facilities are there in nearby study area ?
Will you like to enter in to a formal MoU as confirmatory mutual assistance agreement?
07 What will be a provision for a compensation package for employees and their family members? in case if he/she meets with a serious accident or becomes handicapped or dies ?
08 Is there any chance of tree cutting during construction?

cont. pg 02

09 Will there be any diversion of any natural nala or storm water system during drilling operation?
10 How much fund is budgeted towards CSR activities for study area?
11 Has a project proponent and environment consultant followed the guide lines properly which are set by MoEF/GPCB/NABET/QCI ?
12 How long construction period will continue?
What are you provision to provide drinking water facilities and sanitation facilities and fuel for cooking to construction workers ?

SUGGESTIONS TO BE IMPLEMENTED IF ACCEPTABLE AND IF FOUND ECONOMICAL

13 Pl encourage timber free construction.
14 Pl celebrate world environment day each year to create awareness on environment protection.
15 Pl budget some funds to up lift society weaker class persons like senior citizens, orphans, widows, blinds, handicapped, like wise, under CSR activities.
16 Pl extend full medical assistance to employees for infectious diseases to prevent spreading of the infectious disease further.
17 Pl donate generously to Gujarat's Beti Bachao/ Kanya kelvani abhiyan.

Thanks and regards,

Pravinbhai sheth
Mob 09377958840 Ankleshwar
file :eph asha precitech valsad.
Pl ignore type/type settings/vocabulary mistakes /spelling mistakes if any.

Plant more trees --- plant more trees --- plant more trePs
Promote Industrial progres --- Support Gujarat progress
(certainly not at the cost of environment)
Make Gujarat free from critically polluted zone/s category

WE ALL NEED HELPING HANDS TO PROTECT THE ENVIRONMENT:
EVEN FOR NEXT GENERATION
JAI JAI GARVI GUJARAT --- JAI HIND

END.....

ANNEXURE - D1

ASHA CELLULOSE (I) PVT. LTD.
Works : Near Water Works, Abrama, Valsad-396 001, India
Phones : +91 2632 254200 • 253655, 650382 Fax : +91 2632 227019 Email : valsad@ashacel.com
Website : www.ashacel.com

Date: 15/12/12

To,
Shri Mahesh Pandya,
ParyavaranMitra,
502, Raj Avenue, Bhaikaka Nagar Road,
Nr. Thaltej Cross

Sub.: Reply of queries by ParyavaranMitra letter Ref: PM/MP/1057/2012 regarding to Environmental Public Hearing of M/s. Asha Cellulose (I) Pvt. Ltd., for expansion at Village: Abrama, Dist: Valsad on December 15, 2012.

We are under receipt of your above-referred letter dated 05/12/2012. We thank you for reviewing the EIA report and would like to address your queries sequentially as below:

1. Please give copy of GPCB visit report & Air/Water/Solid waste sample analysis report existing unit in last two years
Ans The GPCB analysis report of water & air sample for existing unit is attached as **Annexure-1.**

2. Whether company had been issued show cause notice/ closure order/ notice under water act 1974 or Air act 1981 or Environmental Protection Act 1986 since starting of existing unit? If yes give copy of it. Also what remedies had been taken for restarting operations?
AnsNo closure order has been received by the unit. A set of the show-case notices issuedalong with their clarification/ compliance replies is attached as **Annexure -2**.

3. Whether unit has submitted Environmental Audit Reports regularly to GPCB for existing plant? What were suggestions of Auditor in last two years report?
AnsEnvironment audit is not applicable to the unit.

4. Please give actual data of production, water usage, wastewater generation & energy bills for month of year 2010 & 2011.
AnsMonthly details of production, water usage, wastewater generation & energy bills for year 2010 & 2011 are shown in **Annexure – 3.**

5. October to December 2011 does not represent one season for environmental baseline monitoring as per MoEF guideline. Clarify?
AnsOctober and November we considered as post-monsoon season and one additional month of December was considered for monitoring. The same was verbally informed to the EAC during presentation of the TORs.

6. Why reconfirmation of monitoring was done in April 2012 by Precitech Laboratories?
AnsEarlier monitoring in Oct 2011 to Dec 2011 was carried out by Asha Cellulose from another NABL accredited laboratory. For validation of earlier collected data, an additional monitoring was carried out by Precitech Laboratories in April 2012.

7. Why baseline monitoring was started in October 2011 before issuance of Terms of Reference which was in November 2011?
AnsIt was verbally discussed with the EAC during issuance of the TORs that monitoring had already been started after end of monsoon season, to save on time. And the same was verbally accepted by them.

8. Please give name of MoEF authorized recycler/ trader to whom used oil & containers are given for existing unit.
AnsUsed oil is currently stored in plant premises &will be sold to registered reprocessors.

ASHA CELLULOSE (I) PVT. LTD.
Works : Near Water Works, Abrama, Valsad-396 001, India
Phones : +91 2632 254200 • 253655, 650382 Fax : +91 2632 227019 Email : valsad@ashacel.com
Website : www.ashacel.com

9. Please give name of companies to whom spent caustic is sold in last five years.
Ans List of name of companies to whom spent caustic is sold in last five years is attached as **Annexure - 4.**

10. Please give membership certificate copies at VWEMCL & BEIL, Ankleshwar.
Ans Membership certificate copies of VWEMCL, Vapi & BEIL, Ankleshwar is attached as **Annexure-5(a)&5(b)** respectively.

11. Please give exact date of monitoring for each sample of ambient air, water, noise & soil sampling.
AnsMonitoring date for each sample of ambient air, water, noise & soil sampling is shown in **Annexure-6(a), 6(b), 6(c)&6(d)** respectively.

12. How many skilled & unskilled people from surrounding area will get employment in proposed expansion project?
Ans100 nos. of local contractual persons will be employed during construction & commissioning phase. During operation phase 2 nos. of managerial, 5 nos. of skilled & 20 nos. of unskilled persons will be employed from surrounding area.

Thanking you,

For,

Asha Cellulose (I) Pvt. Ltd.,
Village: Abrama, Dist: Valsad.

(Authorized Signatory)

Annexure -1:GPCB Analysis Report of Water & Air Sample

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Gujarat Pollution Control Board, Vapi
C5/124, GIDC Vapi,
Near Hotel Pritam,
Vapi - 396 195
Tele:(0260) 2432089

Sample ID:73576 - Analysis Completion:24/03/2011

Chemicals & Products / LAB Inward : 11525

TEST REPORT

Test Report No. : 11525 Date: 28/03/2011

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,- Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : ROU-Routine Visit)
4. Sample Collected By : G.V. Patel,RO Head
5. Quantity of Sample Received :
6. Code No. of the Sample : 73576
7. Date & Time of Collection & Receipt : 19/02/2011 , (1610 to 1610) & 24/02/2011
8. Date of Start & Completion of Analysis : 24/02/2011 & 24/03/2011
9. Sampling Point : from final outlet of ETP
10. Flow Details (Remarks) : -
11. Mode of Disposal : Disposal in tidal zone of river Auranga.
12. Ultimate Receiving Body : Areaian Sea
13. Temperature on Collection : 31 & pH Range on pH Strip :7-8
14. Carboys Nos for : 4 & Color & Appearance :COLOR LESS
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		31
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14		8.50
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		20
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st ed.)	10-10000mg/l		2686
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st ed.)			22
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st ed.)	0.28-1400 mg/l		1.69
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st ed)	5-100mg/l		1180
8	Sulphate	mg/l	APHA(21st ed)4500 SO4 E	2-40mg/l		545
9	Chemical Oxygen Demand	mg/l	APHA(21st ed)5220 B	4.0mg/l		151
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg		0.2
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l		45.0

Laboratory Remarks :

Authorized Signature

H.C. Solanki, Lab Head

Note :
1. * - These parameters are covered under the scope of NABL.
2. The results refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
3. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.
4. This report is not to be reproduced wholly or in part or used in any advertising media without the permission of the Board in writing.
5. The Board is not responsible for the authenticity for the samples not collected by the Board's officials.
6. Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.
7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Gujarat Pollution Control Board, Vapi
C5/124, GIDC Vapi,
Near Hotel Pritam,
Vapi - 396 195
Tele:(0260) 2432089

Sample ID:80336 - Analysis Completion:22/07/2011

Chemicals & Products / LAB Inward : 12791

TEST REPORT

Test Report No. : 12791 Date: 26/07/2011

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,- Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : ROU-Routine Visit)
4. Sample Collected By : G.V. Patel,RO Head
5. Quantity of Sample Received :
6. Code No. of the Sample : 80336
7. Date & Time of Collection & Receipt : 05/07/2011 , (1150 to 1150) & 06/07/2011
8. Date of Start & Completion of Analysis : 06/07/2011 & 22/07/2011
9. Sampling Point : FROM FINAL OUT LET OF ETP.
10. Flow Details (Remarks) : -
11. Mode of Disposal : Disposal in River
12. Ultimate Receiving Body : Areaian Sea
13. Temperature on Collection : 32 & pH Range on pH Strip :7-8
14. Carboys Nos for : 6 & Color & Appearance :Colourless
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		32
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14		8.40
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		10
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st ed.)	10-10000mg/l		2162
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st ed.)			34
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st ed.)	0.28-1400 mg/l		2.80
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st ed)	5-100mg/l		1140
8	Sulphate	mg/l	APHA(21st ed)4500 SO4 E	2-40mg/l		616
9	Chemical Oxygen Demand	mg/l	APHA(21st ed)5220 B	4.0mg/l		73
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg		0.8
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l		21

Laboratory Remarks :

Authorized Signature

H.C. Solanki, Lab Head

Note :
1. * - These parameters are covered under the scope of NABL.
2. The results refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
3. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.
4. This report is not to be reproduced wholly or in part or used in any advertising media without the permission of the Board in writing.
5. The Board is not responsible for the authenticity for the samples not collected by the Board's officials.
6. Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.
7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Gujarat Pollution Control Board, Vapi
C5/124, GIDC Vapi,
Near Hotel Pritam,
Vapi - 396 195
Tele:(0260) 2432089

Sample ID:84963 - Analysis Completion:18/10/2011

Chemicals & Products / LAB Inward : 13552

TEST REPORT

Test Report No. : 13552 Date: 18/10/2011

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,- Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : COM-On Complaint)
4. Sample Collected By : F.M.Modi,DEE
5. Quantity of Sample Received :
6. Code No. of the Sample : 84963
7. Date & Time of Collection & Receipt : 28/09/2011 , (1535 to 1535) & 01/10/2011
8. Date of Start & Completion of Analysis : 01/10/2011 & 18/10/2011
9. Sampling Point : From final outlet of ETP
10. Flow Details (Remarks) :
11. Mode of Disposal : in to river auranga
12. Ultimate Receiving Body : Areaian Sea
13. Temperature on Collection : 25 & pH Range on pH Strip :7-8
14. Carboys Nos for : 9 & Color & Appearance :colorless
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		25
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14		8.35
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		30
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st ed.)	10-10000mg/l		7640
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st ed.)			42
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st ed.)	0.28-1400 mg/l		3.36
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st ed)	5-100mg/l		3300
8	Sulphate	mg/l	APHA(21st ed)4500 SO4 E	2-40mg/l		300
9	Chemical Oxygen Demand	mg/l	APHA(21st ed)5220 B	4.0mg/l		463
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg		0.4
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l		119

Laboratory Remarks : freeze By:436-lab_436 Dt.: 19/10/2011

Authorized Signature

H.C. Solanki, Lab Head

Note :
1. * - These parameters are covered under the scope of NABL.
2. The results refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
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6. Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.
7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Gujarat Pollution Control Board, Vapi
C5/124, GIDC Vapi,
Near Hotel Pritam,
Vapi - 396 195
Tele:(0260) 2432089

Sample ID:87591 - Analysis Completion:09/12/2011

Chemicals & Products / LAB Inward : 14046

TEST REPORT

Test Report No. : 14046 Date: 12/12/2011

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,- Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : ROU-Routine Visit)
4. Sample Collected By : F.M.Modi,DEE
5. Quantity of Sample Received :
6. Code No. of the Sample : 87591
7. Date & Time of Collection & Receipt : 16/11/2011 , (1210 to 1210) & 19/11/2011
8. Date of Start & Completion of Analysis : 19/11/2011 & 09/12/2011
9. Sampling Point : FROM FINAL OUTLET OF ETP.
10. Flow Details (Remarks) : -
11. Mode of Disposal : IN TO RIVER AURAGA.
12. Ultimate Receiving Body : Areaian Sea
13. Temperature on Collection : 32 & pH Range on pH Strip :7-8
14. Carboys Nos for : 3 & Color & Appearance :COLOURELESS.
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		32
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14	9.00	7.65
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		5
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st ed.)	10-10000mg/l	2,100.00	1480
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st ed.)		100.00	36
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st ed.)	0.28-1400 mg/l	50.00	0.56
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st ed)	5-100mg/l	1,000.00	460
8	Sulphate	mg/l	APHA(21st ed)4500 SO4 E	2-40mg/l	1,000.00	15
9	Chemical Oxygen Demand	mg/l	APHA(21st ed)5220 B	4.0mg/l	250.00	28
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg	10.00	ND
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l	30.00	8

Laboratory Remarks : freeze By:436-lab_436 Dt.: 12/12/2011

Authorized Signature

H.C. Solanki, Lab Head

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7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Gujarat Pollution Control Board, Vapi
C5/124, GIDC Vapi
Near Hotel Pritam
Vapi - 396 195
Tele:(0260) 2432089

Sample ID:88097 - Analysis Completion:22/12/2011

Chemicals & Products / LAB Inward : 14134

TEST REPORT

Test Report No. : 14134 Date: 28/12/2011

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,-
Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : ROU-Routine Visit)
4. Sample Collected By : B.M.PARMAR,SSA
5. Quantity of Sample Received :
6. Code No. of the Sample : 88097
7. Date & Time of Collection & Receipt : 24/11/2011 , (1435 to 1435) & 01/12/2011
8. Date of Start & Completion of Analysis : 01/12/2011 & 22/12/2011
9. Sampling Point : FROM FINAL OUTLET OF ETP.
10. Flow Details (Remarks) : -
11. Mode of Disposal : IN TO RIVER AURANGA.
12. Ultimate Receiving Body : Areaian Sea
13. Temperature on Collection : 32 & pH Range on pH Strip :7-8
14. Carboys Nos for : 6 & Color & Appearance :COLOURELESS.
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		32
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14	9.00	8.45
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		5
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st edi.)	10-10000mg/l	2,100.00	1640
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st edi.)		100.00	06
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st edi.)	0.28-1400 mg/l	50.00	ND
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st edi.	5-100mg/l	1,000.00	740
8	Sulphate	mg/l	APHA(21st edi)4500 SO4 E	2-40mg/l	1,000.00	63
9	Chemical Oxygen Demand	mg/l	APHA(21st edi)5220 B	4.0mg/l	250.00	26.0
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg	10.00	ND
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l	30.00	7.54

Laboratory Remarks :

Authorized Signature

H.C. Solanki, Lab Head

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7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Gujarat Pollution Control Board, Vapi
C5/124, GIDC Vapi,
Near Hotel Pritam,
Vapi - 396 195
Tele:(0260) 2432089

Sample ID:98048 - Analysis Completion:26/06/2012

Chemicals & Products / LAB Inward : 16087

TEST REPORT

Test Report No. : 16087 Date: 27/06/2012

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,-
Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : ROU-Routine Visit)
4. Sample Collected By : F.M.Modi,DEE
5. Quantity of Sample Received :
6. Code No. of the Sample : 98048
7. Date & Time of Collection & Receipt : 19/05/2012 , (1435 to 1435) & 24/05/2012
8. Date of Start & Completion of Analysis : 30/05/2012 & 26/06/2012
9. Sampling Point : ## Final Outlet of the ETP
10. Flow Details (Remarks) : -
11. Mode of Disposal : in to river auranga
12. Ultimate Receiving Body : Areaian Sea
13. Temperature on Collection : 30 & pH Range on pH Strip :@8
14. Carboys Nos for : 4 & Color & Appearance :turbid white
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		30
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14	9.00	7.58
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		5
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st edi.)	10-10000mg/l	2,100.00	2280
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st edi.)		100.00	26
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st edi.)	0.28-1400 mg/l	50.00	12.88
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st edi.	5-100mg/l	1,000.00	940
8	Sulphate	mg/l	APHA(21st edi)4500 SO4 E	2-40mg/l	1,000.00	227
9	Chemical Oxygen Demand	mg/l	APHA(21st edi)5220 B	4.0mg/l	250.00	58.0
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg	10.00	2.0
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l	30.00	17

Laboratory Remarks : FREEZE By:236-lab_236 Dt.: 27/06/2012

Authorized Signature

H.C. Solanki, Lab Head

Note :
1. * - These parameters are covered under the scope of NABL.
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7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Gujarat Pollution Control Board, Vapi
C5/124, GIDC Vapi,
Near Hotel Pritam,
Vapi - 396 195
Tele:(0260) 2432089

Sample ID:99306 - Analysis Completion:05/07/2012

Chemicals & Products / LAB Inward : 16332

TEST REPORT

Test Report No. : 16332 Date: 06/07/2012

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,-
Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : APP-On Application)
4. Sample Collected By : G.V. Patel,RO Head
5. Quantity of Sample Received :
6. Code No. of the Sample : 99306
7. Date & Time of Collection & Receipt : 14/06/2012 , (1815 to 1815) & 17/06/2012
8. Date of Start & Completion of Analysis : 17/06/2012 & 05/07/2012
9. Sampling Point : ## Final Outlet of the ETP
10. Flow Details (Remarks) :
11. Mode of Disposal : Into River Auranga
12. Ultimate Receiving Body : Areaian Sea
13. Temperature on Collection : 31 & pH Range on pH Strip :@ 7
14. Carboys Nos for : 1 & Color & Appearance :Colorless
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		31
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14	9.00	7.50
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		5
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st edi.)	10-10000mg/l	2,100.00	2112
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st edi.)		100.00	12
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st edi.)	0.28-1400 mg/l	50.00	2.24
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st edi.	5-100mg/l	1,000.00	900
8	Sulphate	mg/l	APHA(21st edi)4500 SO4 E	2-40mg/l	1,000.00	10
9	Chemical Oxygen Demand	mg/l	APHA(21st edi)5220 B	4.0mg/l	250.00	56.0
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg	10.00	0.8
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l	30.00	16

Laboratory Remarks : FREEZE By:236-lab_236 Dt.: 06/07/2012

Authorized Signature

H.C. Solanki, Lab Head

Note :
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7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Sample ID:104561 - Analysis Completion:28/09/2012

Chemicals & Products / LAB Inward : 17281

Gujarat Pollution Control Board, Vapi
C5/124, GIDC Vapi,
Near Hotel Pritam,
Vapi - 396 195
Tele:(0260) 2432089

TEST REPORT

Test Report No. : 17281 Date: 29/09/2012

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,- Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : ROU-Routine Visit)
4. Sample Collected By : B.M.PARMAR,SO
5. Quantity of Sample Received :
6. Code No. of the Sample : 104561
7. Date & Time of Collection & Receipt : 14/09/2012 , (1435 to 1435) & 15/09/2012
8. Date of Start & Completion of Analysis : 15/09/2012 & 28/09/2012
9. Sampling Point : ## Final Outlet of the ETP – FROM FINAL OUT LET OF ETP
10. Flow Details (Remarks) : -
11. Mode of Disposal : IN TO PLANTETION AND IRRIGETION
12. Ultimate Receiving Body : Arcaian Sea
13. Temperature on Collection : 32 & pH Range on pH Strip :7-8
14. Carboys Nos for : 5 & Color & Appearance :COLOURLESS
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		32
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14	9.00	8.02
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		5
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st edi.)	10-10000mg/l	2,100.00	2042
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st edi.)		200.00	28
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st edi.)	0.28-1400 mg/l		2.8
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st edi	5-100mg/l	1,000.00	600
8	Sulphate	mg/l	APHA(21st edi)4500 SO4 E	2-40mg/l	1,000.00	94
9	Chemical Oxygen Demand	mg/l	APHA(21st edi)5220 B	4.0mg/l		88
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg	10.00	0.8
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l	100.00	24

Laboratory Remarks : FREEZE By:236-lab_236 Dt.: 29/09/2012

Authorized Signature

D. N. Vasadia, Lab Head

Note :
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7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Sample ID:105076 - Analysis Completion:23/10/2012

Chemicals & Products / LAB Inward : 13428

Gujarat Pollution Control Board, Surat
338, Belgium Square
Typical 1st Floor,Opp. Linear Bus Stand
Ring Road, SURAT
Tele:(0261) 2442696

TEST REPORT

Test Report No. : 13428 Date: 26/10/2012

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,- Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : VIG-By Vigilance Team)
4. Sample Collected By : V. D. Rakholia,DEE
5. Quantity of Sample Received :
6. Code No. of the Sample : 105076
7. Date & Time of Collection & Receipt : 24/09/2012 , (1220 to 1220) & 25/09/2012
8. Date of Start & Completion of Analysis : 25/09/2012 & 23/10/2012
9. Sampling Point : ## Final Outlet of the ETP – From final out let of the ETP
10. Flow Details (Remarks) : yes
11. Mode of Disposal : River Aurnaga throgh u/g pipeline
12. Ultimate Receiving Body : Arcaian Sea
13. Temperature on Collection : 32 & pH Range on pH Strip :7 to 8 on PH strip
14. Carboys Nos for : 1 & Color & Appearance :COLOURLESS
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		32
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14	9.00	8.76
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		10
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st edi.)	10-10000mg/l	2,100.00	1424
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st edi.)		100.00	40
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st edi.)	0.28-1400 mg/l	50.00	3.92
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st edi	5-100mg/l	1,000.00	600
8	Sulphate	mg/l	APHA(21st edi)4500 SO4 E	2-40mg/l	1,000.00	119
9	Chemical Oxygen Demand	mg/l	APHA(21st edi)5220 B	4.0mg/l	250.00	39
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg	10.00	0.4
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l	30.00	10

Laboratory Remarks : APPROVED By:466-sur_466 Dt.: 26/10/2012

Authorized Signature

A.G. Patel,R.O Head

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5. The Board is not responsible for the authenticity for the samples not collected by the Board's officials.
6. Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.
7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Sample ID:106896 - Analysis Completion:01/11/2012

Chemicals & Products / LAB Inward : 17676

Gujarat Pollution Control Board, Vapi
C5/124, GIDC Vapi,
Near Hotel Pritam,
Vapi - 396 195
Tele:(0260) 2432089

TEST REPORT

Test Report No. : 17676 Date: 01/11/2012

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd - 23135
2. Address : SHED NO. 303/2, 302/P,VILLAGE-ABRAMA,- Abrama--396001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide
3. Nature of Sample : REP-Representative, (Insp Type : ROU-Routine Visit)
4. Sample Collected By : J.M.Chaudhary,DEE
5. Quantity of Sample Received :
6. Code No. of the Sample : 106896
7. Date & Time of Collection & Receipt : 17/10/2012 , (1255 to 1255) & 18/10/2012
8. Date of Start & Completion of Analysis : 18/10/2012 & 01/11/2012
9. Sampling Point : ## Final Outlet of the ETP – --
10. Flow Details (Remarks) : --
11. Mode of Disposal : In to River Oranga through u/g pipeline
12. Ultimate Receiving Body : Arcaian Sea
13. Temperature on Collection : 29 & pH Range on pH Strip :7-8
14. Carboys Nos for : 8 & Color & Appearance :colourless
15. Water Consumption & W.W.G (KLPD) : Ind :50.200 , Dom :2.000 & Ind :37.270 , Dom :1.500

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS:3025 (Part-9)-1984	2°C-99 °C		29
2	pH	pH Units	IS:3025 (Part-11)-1983	1-14	9.00	8.38
3	Colour	Pt.Co.Sc.	IS:3025 (Part-4)-1983 (Pt-Co.Method)	2-99 Co.Pt. Unit		5
4	Total Dissolved Solids	mg/l	(2540 C APHA Standard method 21st edi.)	10-10000mg/l	2,100.00	1018
5	Suspended Solids	mg/l	(2540 C APHA Standard method 21st edi.)		100.00	2
6	Ammonical Nitrogen	mg/l	(4500 NH3 B & C APHA 21st edi.)	0.28-1400 mg/l	50.00	ND
7	Chloride	mg/l	(4500 Cl-B APHA Standard methods 21st edi	5-100mg/l	1,000.00	360
8	Sulphate	mg/l	APHA(21st edi)4500 SO4 E	2-40mg/l	1,000.00	17
9	Chemical Oxygen Demand	mg/l	APHA(21st edi)5220 B	4.0mg/l	250.00	59.0
10	Oil & Grease	mg/l	(5520 B APHA standard methods 21stedi.	2.0-999800 mg/kg	10.00	0.8
11	B.O.D (3 Days 27oC)	mg/l		10-1000mg/l	30.00	15

Laboratory Remarks : FREEZE By:236-lab_236 Dt.: 01/11/2012

Authorized Signature

D. N. Vasadia, Lab Head

Note :
1. * - These parameters are covered under the scope of NABL.
2. The results refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
3. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.
4. This report is not to be reproduced wholly or in part or used in any advertising media without the permission of the Board in writing.
5. The Board is not responsible for the authenticity for the samples not collected by the Board's officials.
6. Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.
7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

N I C 14/12/2012

Annexure -2: Copy of Show Cause Notice with their Compliance

GUJARAT POLLUTION CONTROL BOARD

SHOW CAUSE NOTICE

WHEREAS you are having an industrial plant at **Plot no – 303/2,303/p, Abrama, Ta: Valsad, Dist: Valsad**

AND WHEREAS the Gujarat pollution control Board has granted you consent under the provisions of Water Act by its consent order no 9752 dated 16/11/2007 for the operation of the industrial plant.

AND WHEREAS your unit is visited on 10/3/2010 under Section -23 of the Water Act by the authorized officer of the Board w.r.t report published in daily news paper "Gujarat Samachar" dtd. 10/03/2010 regarding fish killing in to river auoranga at Valsad, nr Railway Bridge. Lilapore due to polluted water discharge in to the river by various industrial units.

During visit it is observed that production plant is found in operation. Generated w/w from the process plant is directly discharge in to river auoranga without treatment through bypass line provided from neutralization tank through the final discharge point of factory drain. One untreated w/w sample is collected from the final discharge point of factory drain leading to river auoranga having @ 8 pH and 45 0 C temperature. As per annual action plant of the Board it is required to provide a safe disposal point for disposal of treated wastewater and treat the wastewater according to GPCB norms.

You are, therefore, called upon to show cause, within 15 days from the date of receipt of this notice, as to why legal action should not be initiated against you.

For and on behalf of
Gujarat Pollution Control Board

(V.R.Patel)
REGIONAL OFFICER

NO-GPCB-ID-23135/ 651

Issued to:
M/S. Asha cellulose (I) pvt. Ltd,
Plot no – 303/2,303/p,
Abrama,
Ta: Valsad, Dist: Valsad

	ASHA CELLULOSE (I) PVT. LTD. Works : Near Water Works, Abrama, Valsad-396 001 To, The Member Secretary Gujarat Pollution Control Board Paryavaran Bhavan, Sector – 10 A, Gandhi Nagar – 382043 Date: 07-04-2010 Ref: Show Cause Notice – NO-GPCB-ID-23135/631 dated 29th March 2010 Dear Sir, We are manufacturing Ethyl Cellulose at our unit located at Survey No.303//2, village – Abrama, District – Valsad. We are having valid consent and authorization of the board. For the treatment of effluent we have installed primary, secondary and tertiary treatment units. For many years we are running our effluent treatment plant and maintaining treated effluent quality as per the prescribed norms of the board and discharging in the tidal zone of river Auranga. We wish to inform that our past record indicate that we were maintaining the quality of treated effluent as per norms. On 10th March 2010 foul smell & dead bacteria noticed in aeration tank and cleaning was started. On the same day in the evening bottom flange gasket of our alkali product tank failed and alkali solution got drained into the gutter and finally collected in effluent collection tank. Collection tank over flow situation was observed. The alkaline effluent was neutralized. We regret that in emergency we were forced to release the neutralized effluent directly from neutralizing tank through final discharge tank. Coincidentally GPCB officers visited our ETP in the late evening on 10th March 2010 and noticed that neutralized effluent was discharged directly without primary and secondary treatments. To avoid such incidents in future, we have decided to construct one more collection tank of suitable capacity. We assure you Sir that we take adequate care not to repeat such incidents in future and operate our ETP regularly and maintain the norms of the treated effluent set by the board. We request you kindly consider our appeal and give us chance and not to take any legal action. Thanking you Sir, Yours faithfully For Asha Cellulose (I) Pvt Ltd Director cc RO GPCB Vapi GUJARAT POLLUTION CONTROL BOARD Paryavaran Bhavan Sector-10-A, Gandhinagar-382 010. Website : www.gpcb.gov.in Show Cause Notice Whereas you are having industrial plant at Plot No.303/2, Village-Abrama, Dist Valsad for manufacturing of Ethyl Cellulose. And Whereas the Board has granted you Consolidated Consents & Authorization order No.9752 dated 16/11/2007 which is valid up to 26/6/2012 for operation of industrial plant for the manufacture of above said products at the above site with specific terms & conditions. And Whereas the authorized officers of the Board had monitored your industrial plant on 2/1/2010 it is noticed that you are discharging effluent having higher concentration of COD – 212 mg/l, BOD – 75 mg/l, TDS – 4867 mg/l, SS – 152 mg/l, Chlorides – 1110 mg/l. This indicates that you have failed to fulfill the conditions given in the consent order. Consequently you have rendered yourself liable to be prosecuted under the penalty provisions of the consent order. In view of the above, you are called upon to show cause and directed to submit action taken report with ref. to above within 10 days failure to which further action will be initiated against you and your industrial plant. For and on behalf of Gujarat Pollution Control Board Environmental Engineer ND : PCCCA/VSD-15231D-23135/ 63376 Issued to : M/s Asha Cellulose (I) Pvt Ltd Shed No 303/2, Village-Abrama, Dist.Valsad – 396 001 -3 FEB 2010	
xxi	At least 5 % of the total cost of the project should be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/ details should be prepared and submitted to the Ministry's Regional office at Bhopal, Implementation of such program should be ensured accordingly in a time bound manner.	We have earmarked 5% of the total project cost (i.e. Rs. 75 lakhs) for the Enterprise Social Commitment (ESC) based on local needs. We have done CSR i.e. Rs. 14.19 lakhs in the year of 2015 to 2017 , Rs. 2.57 lakhs in the year of 2017-2018. Rs. 5,67,300 in the year of 2018-2019. We are contributing regularly towards ESC/CSR for the last many years. Copy of Year wise details of contributions are enclosed as herewith. Receipts of contributions are also enclosed. Balance amount will be contributed in next 2 to 3 years.

CSR DETAILS

ASHA CELLULOSE (INDIA) PVT. LTD.

DETAILS OF CONTRIBUTIONS FOR ECS/ CSR MADE DURING THE YEAR 2015-16

DATE	CASH/ CHEQUE	BANK	AMOUNT	NAME OF THE INSTITUTE
	CHEQUE			
17.04.2015	CHEQUE	BOB/VALSAD	25000	SHREE CHANDRAMOLESHWAR MAHADEV
				SANSTHEEPAN TRUST
26.05.2015	CHEQUE	BOB/MUMBAI	500000	SHRI BRIHAD BHARATIYA SAMAJ
14.08.2015	CHEQUE	BOB/MUMBAI	15000	ASHA NAGAR SARVAJANIK
				GANESHOTSAV MANDAL
26.08.2015	CASH	-	5000	DINDAYAL BIRTHDAY CELEBRATION
09.09.2015	CASH	-	1000	ABRAMA TAPAWAD YOUK MANDAL
14.09.2015	CASH	-	3000	SARVAJANIK GANESH UTSAV ABRAMA
16.09.2015	CASH	-	500	SHREE GANESH YOUVAK MANDAL ABRAMA
06.10.2015	CHEQUE	BOB/MUMBAI	500000	PATEL SOCIAL GROUP
12.10.2015	CHEQUE	BOB/VALSAD	2500	VASHANAVI KALYAN TRUST
18.01.2016	CHEQUE	BOB/VALSAD	11000	KALAYATAN
07.03.2016	CHEQUE	BOB/VALSAD	11000	SHREE CHANDRAMOLESHWAR MAHADEV
				SANSTHEEPAN TRUST
10.03.2016	CHEQUE	BOB/MUMBAI	300000	SAMAST PATIDAR AAROGYA TRUST
			1374000	

ASHA CELLULOSE (INDIA) PVT. LTD.

DETAILS OF CONTRIBUTION FOR ECS/CSR MADE DURING THE YEAR 2016-17

DATE	CASH/ CHEQUE	BANK	AMOUNT	NAME OF THE INSTITUTION
21-04-2016	CASH	CASH/MUMBAI	501.00	
21-06-2016	CASH	CASH/VALSAD	5,000.00	DINDAYAL BIRTHDAY CELEBRATION
02-09-2016	CASH	CASH/VALSAD	3,000.00	SARVAJANIK GANESH UTSAV, ABRAMA, VALSAD
03-09-2016	CASH	CASH/VALSAD	500.00	SHREE GANESH YOOVA MITRA MANDAL
03-09-2016	CASH	CASH/VALSAD	1,000.00	TAPAWAD YOOVAK MANDAL, ABRAMA
17-10-2016	CHEQUE	BOB/VALSAD	10,500.00	SIGHTSAVERS
31-12-2016	CHEQUE	BOB/VALSAD	25,000.00	KALAYATAN
			45,501.00	

ASHA CELLULOSE (INDIA) PVT. LTD.

DETAILS OF CONTRIBUTION FOR ECS/CSR MADE DURING THE YEAR 2017-18

DATE	CASH/ CHEQUE	BANK	AMOUNT	NAME OF THE INSTITUTION
05-05-2017	CHEQUE	BOB/ VALSAD	11,000.00	SHREE VALSAD TALUKA PATEL SAMAJ PRAGATI MANDAL
16-05-2017	CHEQUE	BOB/ VALSAD	35,000.00	PROGRESSIVE FOUNDATION OF HUMAN RIGHTS
19-08-2017	CASH	CASH/VALSAD	3,000.00	SARVAJANIK GANESH MAHOTSAV, ABRAMA, VALSAD
23-08-2017	CHEQUE	BOB/P/0266	4,000.00	BERGER PAINTS EMPLOYEES PUJA COMMITTEE
16-12-2017	CASH	CASH/MUMBAI	1,000.00	CONTRIBUTION FOR SOCIAL PURPOSE
19-12-2017	CHEQUE	BOB/P/1269	2,00,000.00	SAMAST PATIDAR AAROGYA TRUST
14-03-2018	CHEQUE	BOB/VALSAD	3,000.00	PRAKASH K. MODI
			2,57,000.00	

ASHA CELLULOSE (INDIA) PVT. LTD.

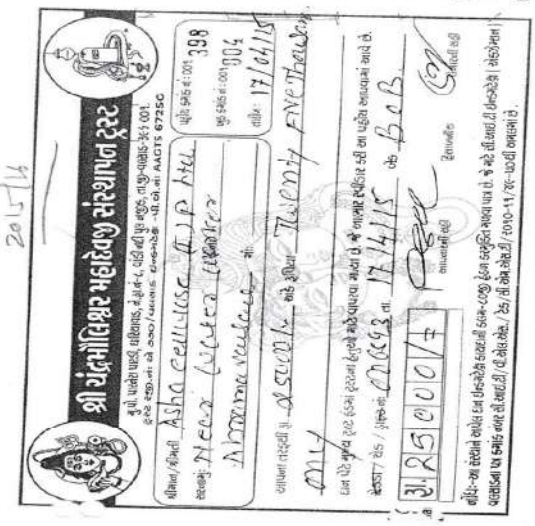
DETAILS OF CONTRIBUTIONS FOR ECS/ CSR MADE DURING THE YEAR 2018-19

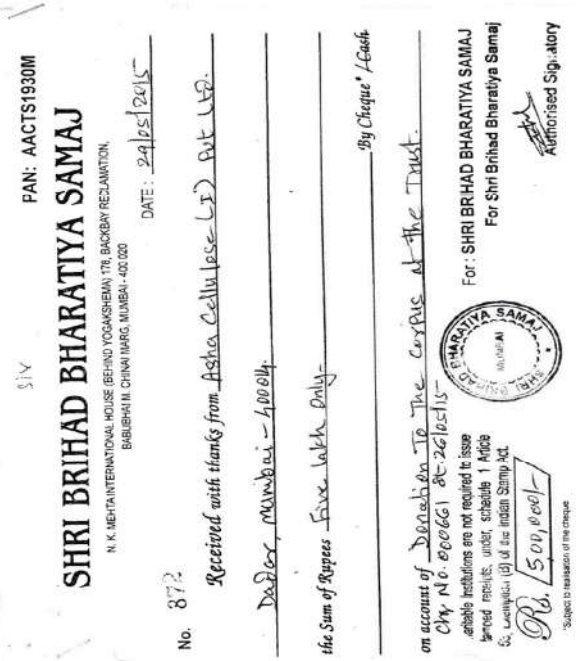
DATE	CASH/	BANK	AMOUNT	NAME OF THE INSTITUTE
	CHEQUE			
24.08.2018	CHEQUE	BOB/P/1162	25000	ROTARY PUBLIC CHARITABLE
				TRUST OF BOMBAY AIR PORT
11.09.2018	CASH	-	1000	SHREE GANESH YUVAK MITRA
				MANDAL
12.09.2018	CHEQUE	BOB/P/1282	2000	BERGER PAINTS EMPLOYEES
				PUJA SAMITY
12.09.2018	CASH	-	3000	SARVAJANIK GANESH UTSAV
26.11.2018	CASH	-	300	-
02.01.2019	CHEQUE	BOB/VALSAD/21	25000	KALAYATAN
06.02.2019	CHEQUE	BOB/2023	500000	SHREE PRABHAV HEM KAMDHENU
				GIRI VIHAR TRUST - CANCER HOSPITAL
11.03.2019	CHEQUE	BOB/VALSAD/21	11000	SHREE VALSAD TALUKA PATEL
				SAMAJ PRAGATI MANDAL
			567300	

ASHA CELLULOSE (INDIA) PVT. LTD.

DETAILS OF CONTRIBUTION FOR ECS/CSR MADE DURING THE YEAR 2019-20

DATE	CASH/ CHEQUE	BANK	AMOUNT	NAME OF THE INSTITUTION
09-04-2019	CHEQUE	BOB/VALSAD	2,500.00	SAHAKAR MAHILA TRUST
24-08-2019	CASH	CASH/VALSAD	4,000.00	SARVAJANIK GANESH MAHOTSAV, ABRAMA, VALSAD
10-09-2019	CASH	CASH/VALSAD	2,500.00	MR. YATHEN PANDAY
16-09-2019	CHEQUE	BOB/MATUNGA	10,00,000.00	SHREE PRABHAV HEM KAMDHENU GIRIVIHAR TRUST
21-09-2019	CHEQUE	BOB/MATUNGA	12,000.00	HELP AGE INDIA
			10,21,000.00	





SAMAST PA...

શ્રી ચંદ્રમૌલિશ્વર મહાદેવજી સંસ્થાપન ટ્રસ્ટ

રૂ.પી. પારસેલ પાર્ટી, ઘારિયાવાડ, મે.હા.નં-૮, વાડી નદી પુલ નજીક, તા.જી-વલસાડ-૩૬૬ ૦૦૧.
દર્જ રજી.નં: એ ૩૩૦/વલસાડ ઈન્કમટેક્ષ -પી.એન.નં: AACTS 6725C

પહોંચ ફાઈલ નં: ૦૦૧ 067
બુક ફાઈલ નં: ૦૦૧ 001
તારીખ: 01/03/15

શ્રીમાન/શ્રીમતી: [illegible]
સરનામું: [illegible] ફોન:
મો: 22902[illegible]

આપના તરફથી રૂ. 99000/- અંકે રૂપિયા [illegible]

દાન પેટે મુખ્ય ટ્રસ્ટ ફંડમાં ટ્રસ્ટના હેતુઓ માટે વાપરવા મળ્યા છે. જે આભાર સ્વીકાર કરી આ પહોંચ આપવામાં આવે છે.

રોકડા / ચેક / ડ્રાફ્ટ નં: — તા. — બેંક —

રૂ. X X 9 9 0 0 0

હિસાબનીશ — ટ્રસ્ટીની સહી

નોંધ:-આ સંસ્થાને આપેલ દાન ઈન્કમટેક્ષ કાયદાની કલમ-૮૦જી હેઠળ છૂટ મેળવવા પાત્ર છે. જે માટે સી.આઈ.ટી ઈન્કમટેક્ષ (એડમીનીસ્ટ્રેશન) વલસાડના પત્ર ક્રમાંક નંબર સી.આઈ.ટી./વી.એલ.એસ./ટેક્ષ/સી.એમ.એસ.ટી/૨૦૧૦-૧૧/૪૯-૫૦ થી અમલમાં છે.

નમઃ ॥ શ્રીં નમઃ ॥

શ્રી રેણુકા દેવી

સાર્વજનિક ગણેશોત્સવ મંડળ

[Regn. No. 29/Bom/09/GBBSC w.e.f. 16/7/2009 (Mah.)]

સ્થાપના ૧૯૯૯

આશા નગર, વેસ્ટર્ન એક્સપ્રેસ હાઈવે, બોરિવલી (પૂર્વ), મુંબઈ - ૪૦૦ ૦૦૧.

પાવતી નં. 73

M/S

શ્રી/શ્રીમતી Asha Cellulose India Pvt. Ltd.

રૂ. 15000/- ૨૦૧૫

CELEBRATION

પાંચ હજાર રૂપિયા મિળ્યાની આભાર.

રૂ. 15000/-

ધન્યવાદ !

સ્વીકારનાર

SAMAST PATIDAR AAROGYA TRUST

ટ્રસ્ટ રજી. નં. : સી/૧૩૦૩/સુરત
પાન નં. : AAMTS5310F

ચુમુલ ડેરી પાસે, વસ્તાદેવડી રોડ, સુરત - ૩૯૫ ૦૦૪

નંબર: 239

શ્રીમાન / શ્રીમતી: Asha Cellulose Pvt Ltd — તારીખ: 14/03/16

સરનામું: Asha House 505/C, Dr. B.A. Road, Dadar T T Mumbai - 14

અંકે રૂપિયા Three lacs Only — સવિનય આપના તરફથી રૂ. 300000/- પુરાનું

ટ્રસ્ટના હેતુ સિધ્ધી અર્થે ભાવભીનું દાન મળ્યું છે. જેનો અમો પ્રેમપૂર્વક ઋણી ભાવે સ્વીકાર કરીએ છીએ.

સહકાર બદલ આભાર...

SAMAST PATIDAR AAROGYA TRUST

~~ચેક~~/ચેક/~~ડ્રાફ્ટ~~ નંબર: 001230

બેંકનું નામ: Bank Of Baroda

Your contributions are eligible for tax benefit u/s 80G of The Income Tax Act, 1961

માણા સેનાર

ફોન: ૨૩૬૭ ૬૪૫૭
૨૩૬૭ ૧૮૧૧ / ૨૭

રજીસ્ટ્રેશન નં.: 1225 OF 2004 GBBSC 27/7/2004 Under Society Reg. Act 1860

પટેલ સોશ્યલ ગ્રુપ

૩/૭, પી જ્વેલ, એમ. પી. રોડ, ઓપેરા હાઉસ, મુંબઈ - ૪૦૦ ૦૦૪

રસીદ

રસીદ નં.: 2689 — તારીખ: 18.10.15

નામ: શ્રી Asha Cellulose India Pvt Ltd

સરનામું:

ફોન:

વિગત	રૂપિયા	પૈસા
Donation	500000	

રોકડા — ચેક નં. RTGS બેંક Karan Mahindra

અંકે રૂપિયા Five Lacs Only

પટેલ સોશ્યલ ગ્રુપ

સહી

DIT (E) MC / 80G / 2557 / 2009-10 w.e.f. 1-4-2009
PAN NO. AAATP8277A

Jayadebbhai

Sightsavers

45, First Floor, Okhla Industrial Estate,
Phase III, New Delhi - 110020
Phone : +91 11 65955511/33
+91 11 41017231
E-mail : supportusindia@sightsavers.org
Website : www.sightsaversindia.in

Donor ID: SSI2016-19536
Acknowledgement no: DEL-16-15366

Receipt no: SS-R-16-16194
Receipt date: 10-Nov-2016

DONATION RECEIPT

Mr. Babubhai Mehta
Asha Cellulose Pvt Ltd
Near Water Works, Abrama
Valsad
Valsad - 396001 (Gujarat - India)
Mobile: 9824217170

We confirm the receipt of donation of INR 10500.00 (Rupees Ten Thousand Five Hundred Only) Vide Cheque/DD No: 009466 Dated 19-10-2016 Drawn on BANK OF BARODA,

Donation Pledge	Amount [INR]
Sight restoration surgeries	10500.00

The receipt issued is subject to realization of the donation amount.
All donations are eligible for 50% tax exemption under section 80G of Income Tax act
No. DIT (E) MC/80-G/2435/2007/2008-09 (perpetually valid)
PAN No. of the organization - AAATR0444H

*This is a computer-generated receipt and requires no signature.

નાઇ પછરી નમઃ

કલ્યાણ

રસીદ નં. 1715 તારીખ 12-2016.

શ્રી Asha Cellulose (I) Pvt Ltd કુટુંબ કબીલા

ઠે.

ફોન/મો. નં.

આપના તરફથી સંસ્થાને નીચે જણાવેલ વિગત મુજબ રૂ. 25000/

અંકે રૂપિયા Twenty Five thousand only

ચેકડી/ચેક/ડ્રાફટ નં. 009468 બેંક BOB

દ્વારા મળ્યા છે. જેનો સાભાર સ્વીકાર કરીએ છીએ.

અ.નં.	વિગત		રકમ રૂ.
૧.	આજીવન સભ્ય નોંધણી		
૨.	આજીવન સભ્ય - વાર્ષિક નિભાવ ખર્ચ	વર્ષ.....	
૩.	વાર્ષિક સભ્ય ફી	વર્ષ.....	
૪.	સંગીત વર્ગ - ટ્યુશન ફી	માસ.....	
૫.	સંગીત વર્ગ નોંધણી / ટર્મ ફી	ટર્મ	
૬.	જાહેરાત / દાન		
૭.	Trust Fund		25000 00
		કુલ રકમ	25000 00

The Donation given to this trust is eligible for deduction U/s 80G (5) (vi) of I.T. Act 1961 vide Letter No. CIT/VLS/TECH/SK/08-09 Dt. 07-04-2008 of CIT, Valsad

IT PAN AAATK2445H

કલ્યાણ ટ્રસ્ટી,

સંગીતાલયઃ ૮-૧૦, બીજે માળે, બી.ડી.સી.એ. કોચીંગ સેન્ટર નં.૫, સ્ટેડીયમ રોડ, વલસાડ-૩૯૬ ૦૦૧.
કાર્યાલયઃ C/o. 'જયાનન્દ એસ્ટેટ્સ' સેમ. ગુ. રોડ, વલસાડ-૩૯૬ ૦૦૧.
Kalayatan Trust Registration No. F - 15/Valsad Dt. 03 - 03 - 1967
E mail: kalayatan@gmail.com

SAMAST PATIDAR AAROGYA TRUST
Near Sumul Dairy, Vastadevdi Road, Surat - 395004

Trust Registration No. : E/7373/SURAT **PAN No. : AAMTS5310F**

Reciept No. : SPAT/2017-2018/1907 **Reciept Date : 19-12-2017**
Date : 26-12-2017

*Received with thanks from M/S, **ASHA CELLULOSE I PVT LTD** having PAN / ID No. **AACCA3502G** and address **ASHA HOUSE, 808 / C, DK.B.A.ROAD, DADAR T.T., MUMBAI.***

As per below particulars:

Corpus Fund	**Rs.**	**200,000.00**

*In Words **Two Lakh** Rupees received through **Cheque no. 002416 , drawn on BOB, CHANDAVARKAR ROAD, MUMBAI.***

Corpus Fund given to trust, is exempt u/s. 80G(5) of the Income Tax Act, 1961 vide exemption Certificate No. SRT/CIT-III/(Tech)/80G(5)/SPAT/2013-14 Dated: 24/07/2013

For Samast Patidar Aarogya Trust

Trustee / Authorized Person *Signature of Donor*

PATIDAR AAROGYA TRUST Reg.No. E/7373/ SURAT

Exemption Certificate No.
Surat/CIT-III/Tech./80G(5)/SPAT/2013-14
Dated - 24/07/2013
w.e.f. 08/04/2013

નાઇ પછરી નમઃ

કલ્યાણ

PAN : AAATK2445H

રસીદ નં. 159 તારીખ: 6 - 1 - 2019

શ્રી Asha Cellulose (I) Pvt Ltd કુટુંબ કબીલા

ઠે.

ફોન નં. મોબાઇલ નં.

આપના તરફથી સંસ્થાને નીચે જણાવેલ વિગત મુજબ રૂ. 25000/

અંકે રૂપિયા Twenty five thousand only

ચેકડી/ચેક/ડ્રાફટ નં. 009463 બેંક BOB

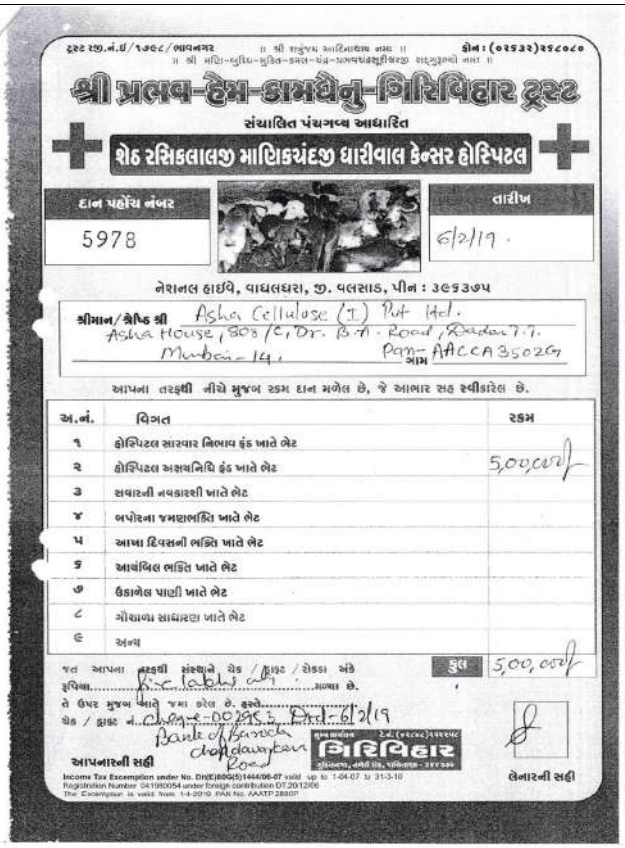
દ્વારા મળ્યા છે. જેનો સાભાર સ્વીકાર કરીએ છીએ.

અ.નં.	વિગત		રકમ રૂ.
૧.	આજીવન સભ્ય ફી		
૨.	આજીવન સભ્ય - વાર્ષિક નિભાવ	વર્ષ	
૩.	વાર્ષિક સભ્ય ફી	વર્ષ	
૪.	સંગીત વર્ગ - ટ્યુશન ફી	માસ	
૫.	સંગીત વર્ગ નોંધણી / ટર્મ ફી	ટર્મ	
૬.	જાહેરાત / દાન		
૭.	Trust Fund		25000 00
		કુલ રકમ	25000 00

The Donation given to this trust is eligible for deduction U/s 80G (5) (vi) of I.T. Act 1961 vide Letter No. CIT/VLS/TECH/SK/08-09 Dt. 07-04-2008 of CIT, Valsad which is valid in definitely unless it is specifically withdrawn.

Dr. Sainiwy, Thanks for your Co-operation Hanbad Mahan

Mr. Sainiwy, Thanks for your Co-operation Hanbad Mahan



ટ્રસ્ટ રજી.નં.ઈ/૧૭૯૮/ભાવનગર ॥ શ્રી શત્રુંજય આદિનાથાય નમઃ ॥ ફોન : (૦૨૬૩૨)૨૫૮૦૮૦

॥ શ્રી મણિ-સુવિધ-મુક્તિ-કમલ-ચંદ્ર-પ્રભવજયસૂરીશ્વરજી સદ્ગુરૂભ્યો નમઃ ॥

શ્રી પ્રભવ-હેમ-કામધેનુ-ગિરિવિહાર ટ્રસ્ટ

સંચાલિત પંચગવ્ય આધારિત

શેઠ રસિકલાલજી માણિકચંદજી ધારીવાલ કેન્સર હોસ્પિટલ

દાન પહોંચ નંબર		તારીખ
5978		6/2/19

નેશનલ હાઈવે, વાઘલધરા, જી. વલસાડ, પીન : ૩૯૬૩૭૫

શ્રીમાન/શ્રીમતી શ્રી Asha Cellulose (I) Pvt Ltd. Asha House, 808/C, Dr. B.A. Road, Dadar T.T. Mumbai-14. નામ Pan- AACCA3502G

આપના તરફથી નીચે મુજબ રકમ દાન મળેલ છે, જે આભાર સહ સ્વીકારેલ છે.

અ.નં.	વિગત	રકમ
૧	હોસ્પિટલ સારવાર નિભાવ ફંડ ખાતે ભેટ	
૨	હોસ્પિટલ અક્ષયનિધિ ફંડ ખાતે ભેટ	5,00,000/-
૩	સવારની નવકારશી ખાતે ભેટ	
૪	બપોરના જમણભક્તિ ખાતે ભેટ	
૫	આખા દિવસની ભક્તિ ખાતે ભેટ	
૬	આયંબિલ ભક્તિ ખાતે ભેટ	
૭	ઉકાળેલ પાણી ખાતે ભેટ	
૮	ગૌશાળા સાધારણ ખાતે ભેટ	
૯	અન્ય	
	કુલ	5,00,000/-

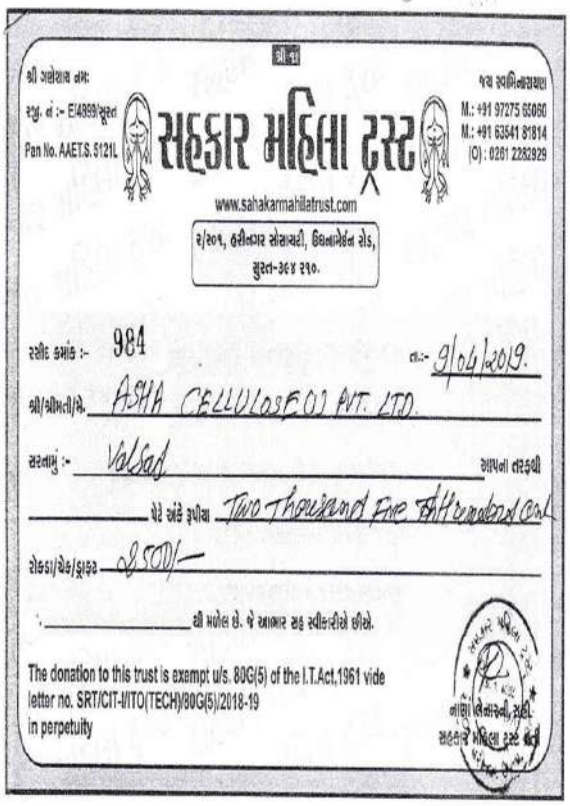
જત આપના તરફથી સંસ્થાને ચેક / ડ્રાફ્ટ / રોકડા અંકે રૂપિયા Five lakhs only મળ્યા છે. તે ઉપર મુજબ ખાતે જમા કરેલ છે. તસ્દી. ચેક / ડ્રાફ્ટ નં. Cheque-002955 Dt-6/2/19 Bank of Baroda Chandavarkar Road

ગિરિવિહાર

આપનારની સહી

Income Tax Exemption under No. Dit(E)80G(5)1444/06-07 valid up to 1-04-07 to 31-3-10
Registration Number 041980054 under foreign contribution DT.20/12/06
The Exemption is valid from 1-4-2019 PAN No. AAATP 2880F

લેનારની સહી



શ્રી ૩

શ્રી ગણેશાય નમઃ

રજી. નં :- E/4399/સૂરત

Pan No. AAETS.5121L

સહકાર મહિલા ટ્રસ્ટ

જય રણછોડરાય

M.: +91 97275 65090
M.: +91 63541 81914
(O) : 0261 2282929

www.sahakarmahilatrust.com

૨/૨૦૧, હરીનગર સોસાયટી, ઉધનાબેરેજ રોડ, સુરત-૩૬૪ ૨૧૦.

રસીદ ક્રમાંક :- 984 તા.:- 9/04/2019.

શ્રી/શ્રીમતી/મે. ASHA CELLULOSE (I) PVT. LTD.

સરનામું :- Valsad

આપના તરફથી

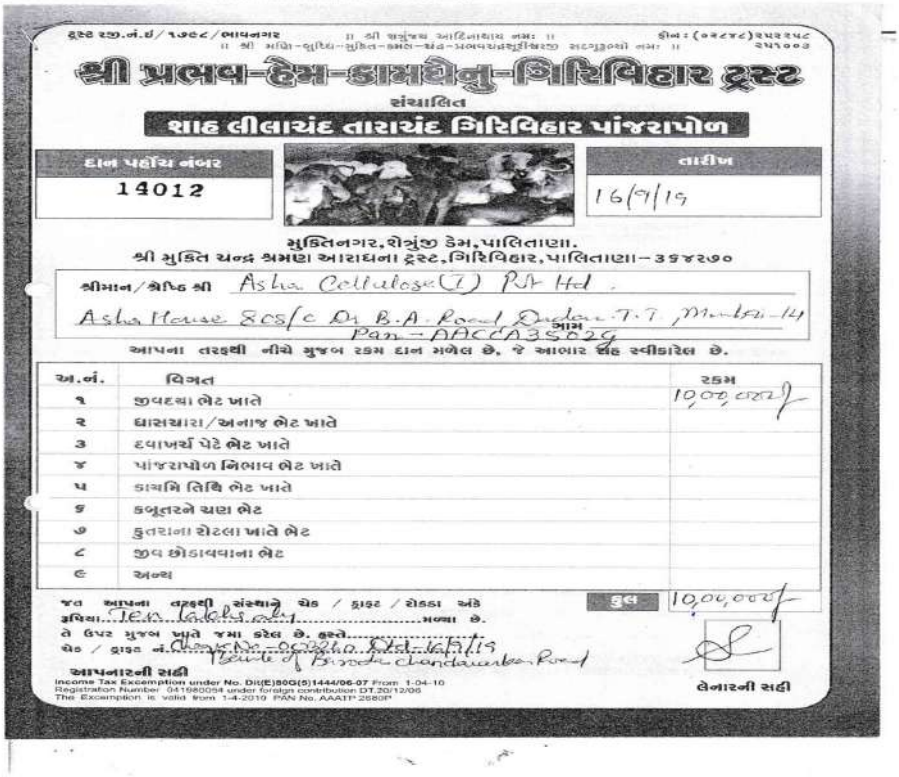
પેટે અંકે રૂપીયા Two Thousand Five Hundred Only

રોકડા/ચેક/ડ્રાફ્ટ 2500/-

થી મળેલ છે. જે આભાર સહ સ્વીકારીએ છીએ.

The donation to this trust is exempt u/s. 80G(5) of the I.T.Act,1961 vide letter no. SRT/CIT-I/ITO(TECH)/80G(5)/2018-19 in perpetuity

નાણા લેનારની સહી
સહકાર મહિલા ટ્રસ્ટ વતી



ટ્રસ્ટ રજી.નં.ઈ/૧૭૯૮/ભાવનગર ॥ શ્રી શત્રુંજય આદિનાથાય નમઃ ॥ ફોન : (૦૨૮૪૮)૨૫૨૨૫૮ ૨૫૫૦૦૩

॥ શ્રી મણિ-સુવિધ-મુક્તિ-કમલ-ચંદ્ર-પ્રભવજયસૂરીશ્વરજી સદ્ગુરૂભ્યો નમઃ ॥

શ્રી પ્રભવ-હેમ-કામધેનુ-ગિરિવિહાર ટ્રસ્ટ

સંચાલિત

શાહ લીલાચંદ તારાચંદ ગિરિવિહાર પાંજરાપોળ

દાન પહોંચ નંબર		તારીખ
14012		16/9/19

મુક્તિનગર, શેત્રુંજી ડેમ, પાલિતાણા.
શ્રી મુક્તિ ચન્દ્ર શ્રમણ આરાધના ટ્રસ્ટ, ગિરિવિહાર, પાલિતાણા - ૩૬૪૨૭૦

શ્રીમાન/શ્રીમતી શ્રી Asha Cellulose (I) Pvt Ltd. Asha House 808/C Dr. B.A. Road, Dadar T.T, Mumbai-14 નામ Pan - AACCA3502G

આપના તરફથી નીચે મુજબ રકમ દાન મળેલ છે, જે આભાર સહ સ્વીકારેલ છે.

અ.નં.	વિગત	રકમ
૧	જીવદયા ભેટ ખાતે	10,00,000/-
૨	ઘાસચારા/અનાજ ભેટ ખાતે	
૩	દવાખર્ચ પેટે ભેટ ખાતે	
૪	પાંજરાપોળ નિભાવ ભેટ ખાતે	
૫	કાયમી તિથિ ભેટ ખાતે	
૬	કબૂતરને ચણ ભેટ	
૭	કુતરાના રોટલા ખાતે ભેટ	
૮	જીવ છોડાવવાના ભેટ	
૯	અન્ય	
	કુલ	10,00,000/-

જત આપના તરફથી સંસ્થાને ચેક / ડ્રાફ્ટ / રોકડા અંકે રૂપિયા Ten lakhs only મળ્યા છે. તે ઉપર મુજબ ખાતે જમા કરેલ છે. તસ્દી. ચેક / ડ્રાફ્ટ નં. Cheque No. 002910 Dt. 16/9/19 Bank of Baroda Chandavarkar Road

આપનારની સહી

Income Tax Exemption under No. Dit(E)80G(5)1444/06-07 From 1-04-10
Registration Number 041980054 under foreign contribution DT.20/12/06
The Exemption is valid from 1-4-2019 PAN No. AAATP 2880F

લેનારની સહી

xxii	Provision shall be made for the housing for the	We had appointed local contractors for the

	construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	expansion project and hence there was no need to construct housing and other necessary infrastructure for the labours. Drinking water, toilets and medical health care was utilized from our existing set up. Not applicable Not applicable
	B.GENERAL CONDITIONS	
i	The project authorities shall strictly adhere to the stipulations made by the state Pollution Control Board (GPCB), State Government and any other statutory authority.	We are strictly adhering to the stipulations made in GPCB CCA. The compliance report is attached herewith.

CC&A AWH-87084

COMPLAINCE REPORT

FOR

THE MANUFACTURE

OF

ETHYL CELLULOSE

BY

M/S Asha Cellulose (I) Pvt. Ltd Limited

Plot No. 303/2 & 302/P, Village: Abrama, Tehsil & District: Valsad, Gujarat

COMPLIANCE REPORT - CC&A

Sr. No	CONDITIONS	COMPLIANCE
1	**Consent Order No.: AWH-87084, Date of issue: 12/07/2017.**	We have obtained CCA of the Board vide No. **AWH-87084** which is valid up to **31/03/2022.**
2	The consents shall be valid up to **31/03/2022** for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:	We are manufacturing products as per quantity given in the consent. Our trade effluent is not discharge but recycled after treatment. Emission are monitored on regular basis
	SUBJECT TO THE FOLLOWING CONDITIONS:	
•	Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules 2016, (Solid waste as defined in Rule -3 (46).	We are generating hazardous waste as per authorization issued by the board and dispose off as per hazardous waste rules 2016. We update the hazardous solid waste details in GPCB XGN on regular basis. Hazardous Solid Waste Details is enclosed as Attachment - 1
•	As per provision of Rule-18 of Solid Waste Management Rules-2016 all Industrial units using fuel and located within 100 Km from the refused derived fuel (RDF) plant shall made an arrangement to replace at least five percent of their fuel requirement by refused derived fuel so produced.	We are using Natural gas, Furnace Oil and LDO as fuels. We are not located within 100 Km from the refused derived fuel (RDF), however, we will implement use of RDF after installation our coal base boiler
3	**CONDITIONS UNDER THE WATER ACT :**	
3.1	The quantity of total water consumption shall not exceed 155.48 KLD as per below break up. Source of fresh water shall be only from Borewell. Unit shall submit NOC from central ground Authority (CGWA) for use of Borewell water. a) Domestic : 2.2 KLD b) Industrial : 149.48 KLD	The quantity of total water consumption is not exceeding 155.48 KLD. We are using fresh water from our own Bore well. We have NOC/permission for extracting groundwater (See Attachment – 2) however will apply for permission for central ground Authority (CGWA) for use of Bore well water.

Sr. No	CONDITIONS	COMPLIANCE
3.2	The quantity of the trade effluent discharge from the industry shall not exceed **121.5** KLD. Entire effluent shall be treated in ETP, followed by RO and MEE and achieve zero liquid discharge condition.	We are not exceeding generation of industrial wastewater more than 121.5 KLD. The data of effluent generation is regularly updated in GPCB XGN We have installed ETP of adequate capacity with primary, secondary and tertiary, treatment facility. This ETP is followed by RO and MEE to achieve zero liquid discharge Attachment – 3 (ETP Flow Diagram)
3.3	The quantity of Sewage effluent from the industry shall not exceed **1.5** KLD.	We are not exceeding generation of sewage/domestic effluent more than 1.5 KLD
3.4	Domestic effluent shall be disposed off through septic tank/soak pit system.	We have installed adequate capacity of septic tank/soak pit for the disposal of domestic effluent.
4	**CONDITIONS UNDER THE AIR ACT:**	
4.1	The following shall be used as fuel in the boilers, Hot Air Generation & D.G. Sets.	We are using Natural gas, Furnace Oil and LDO in our boiler and Hot air generator. HSD is used in DG, which is being operated during emergency & at the time of power cut only
4..2	The flue gas emission through existing stack shall conform to the following standards:	• Flue Gas emission from boiler is thru 30 M height self-supported chimney. • Spin Flash dryer exhaust is thru 11 M height chimney • We are operating and maintaining our air pollution control equipment like dust collector, cyclone separator and bag filter • We are maintaining norms of flue gas emission as specified by the Board. Flue Gas Monitoring Report as Attachment - 4
4.3	The process emission through various stacks / Vent of reactors, process, vessel shall conform to the following standards.	We are maintaining the norms of process gas emission. Stack Monitoring Report as Attachment - 4

Sr. No	CONDITIONS	COMPLIANCE
4.4	The concentration of the following substances in the ambient air within the premises of the industry and at a distance of 10 meters from the source (other than the stack/ vent with height of more than 9 meters from the ground level)Shall not exceed the following levels:	We are maintaining the ambient air quality within the premises and analyze regularly to ensure the quality within the premises as per norms. Ambient Monitoring Report as Attachment - 5
4.5	The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted / displayed to facilitate identification.	We have provided adequate stack monitoring facility like portholes, ladder, platform etc. at chimney(s) for monitoring. Phot of portholes, ladder, platform at chimney Attachment - 6
4.6	The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB (a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.	We as industry takes adequate measures for control of noise levels within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB (a) during day time and 70 dB (A) during night time. Controlling noise level of DG (which is being operated during emergency only) by regular maintenance
5	**GENERAL CONDITIONS:**	
5.1	Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.	Agreed
6	**AUTHORISATION UNDER HAZARDOUS WASTE AND OTHER WASTE (MANAGEMTN AND TRANSBOUNDARY MOVEMENT) RULES-2016, FORM-2 (SEE RULE 6(2))**	
6.1	Number of authorization: **AWH-87084, Date of issue: 12/07/2017.**	---
6.2	Reference of authorization: **AWH-122307** and Date: **23/05/2017.**	------
6.3	**M/s. ASHA CELLULOSE (I) PVT. LTD** is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre- processing, co-processing, utilization, treatment, disposal or any other use of hazardous or other waste or both on the premises situated at **Plot No. Shed No. 303/2,302/P, Village: Abrama, Abrama-369001, Dist: Valsad**.	---

Sr. No	CONDITIONS	COMPLIANCE
6.4	The authorization shall be valid for a period of **31/03/2022.**	---
6.5	The authorization is subject to the following general and specific conditions:	---
A	**GENERAL CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (M&TM) RULES-2016.**	
1	The Authorized person shall comply with the Provisions of the Environment (Protection) Act-1986 and rules made there under.	We, as Industry authorized person complying with the Provisions of the Environment (Protection) Act- 1986 and rules made there under.
2	The Authorization or its renewal shall be produced for inspection at the request of an officer Authorized by the State Pollution Control Board.	We will produce all related documents for the inspection at the request of an officer Authorized by the State Pollution Control Board.
3.	The persons authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this Authorization.	Agree, We will not rent, land, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through authorization
4.	Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the persons authorized shall constitute a breach of this authorization.	Agreed
5.	The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.	We have already made emergency response plan and implemented the same. We have also carried out mock drill for possible scenarios such as Spillages, leakages, fire et. Attachment – 7 (ERP) Attachment – 8 & 8A (Mock Drill)
6.	The person authorize shall comply with the provisions outlined in the Central Pollution Control Board guidelines on " implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Wastes and penalty".	We are complying with the guide line of CPCB for implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Wastes and penalty". Attachment – 9 (PLI Policy)
7.	It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.	Agreed

Sr. No	CONDITIONS	COMPLIANCE
8.	The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean- up operation.	Our hazardous waste is stored in dedicated and secured area. It is transported in approved vehicle with all necessary precautions and documents
9.	The record of consumption and fate of the imported hazardous and other wastes shall be maintained.	Not applicable, as we are not importing any hazardous waste
10.	The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.	The hazardous and other waste which gets generated are treated and disposed of as per specific conditions of authorization.
11.	The importer or exporter shall bear the cost of import or export and mitigation of damages if any.	Not applicable
12.	An application for the renewal of an authorization shall be made as laid down under these rules.	Agreed
13.	Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.	We are regularly submitting return filed by June 30th for the period ensuring 31st March of the year.
14.	Annual return shall be filed by June 30th for the period ensuring 31st March of the year.	Agreed
B.	**SPECIFIC CONDITIONS (WHICHEVER IS APPLICABLE)**	
1.	The authorized actual of hazardous and other waste shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.	We are maintaining the records for the hazardous and other waste as per authorization and submitting thru GPCB XGN on monthly basis
2.	Handing over the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user.	We are Handing over the hazardous and other wastes to the authorized actual users thru Manifest Attachment – 10 (Manifest)
3.	In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.	Agreed
4.	The occupier of the facility shall comply standards operating procedure / guidelines published by MoEF & CC or CPCB or GPCB from time to time.	We are complying with standards operating procedure/guidelines published by MoEF & CC or CPCB or GPCB from time to time.
5.	Unit shall comply provisions of E-Waste Management) Rules, 2016.	Agreed

ii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of	We assure you that; we will not carry out any expansion or modification without

	Environment and Forests in case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, we will submit the fresh application to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required.
iii.	The locations of ambient air quality monitoring stations shall be decided in consultation with the state Pollution Control board (SPCB) and it shall be ensured that at least one stations in installed in the up wind and downwind direction as well as where maximum ground level concentrations are anticipated.	We have decided the location of the ambient air monitoring station in consultation with the GPCB officers and it is in the up wind and downwind direction as well as where maximum ground level concentrations are anticipated. We are regularly monitored level of PM_{10},SO_2 ,NO_x, VOC and CO ,in ambient air through NABL accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat on monthly basis.
iv.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (protection) Act, 1986 Rules,1989 viz. 75 dBA (day time) and 70 dBA (night time).	We have taken adequate measures to control noise level within the premises by carrying our regular maintenance to the machineries and provided acoustic enclosure to the D G set. We are regularly monitored level of noise at various places within the premises through NABL accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat on monthly basis. Summary of the noise level monitoring are as under;

No.	Date	Locations & Results (Day Time)				Locations & Results (Night Time)			
		Near ETP	Near Boiler House	Near Main Gate	Outside Production Plant	Near ETP	Near Boiler House	Near Main Gate	Outside Production Plant
1	07/04/2019	67.6	69.8	64.9	65.2	66.3	67.9	62.8	63.5
2	11/05/2019	67.9	70.3	64.6	65.7	65.9	68.3	62.6	63.8
3	04/06/2019	68.2	69.8	65.2	65.8	66.8	68.5	63.2	64.2
4	09/07/2019	68.0	70.5	65.0	66.0	67.2	68.7	62.6	64.4
5	16/08/2019	68.4	70.7	64.7	65.8	66.4	68.2	63.0	63.7
6	05/09/2019	68.2	70.5	65.4	66.2	66.8	68.6	63.3	63.6
	Min.	**67.6**	**69.8**	**64.6**	**65.2**	**65.9**	**67.9**	**62.6**	**63.5**

	Max.	**68.4**	**70.7**	**65.4**	**66.2**	**67.2**	**68.7**	**63.3**	**64.4**
	G.P.C.B. Limits	**75.0 dB(A)**				**70.0 dB(A)**			

Noise level monitoring was carried out by NABL accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat. (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 26/10/2017 valid until: 25/10/2019

v.	The Company shall harvest rainwater from the roof-tops of the building and storm water drains to recharge the surface as well as rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	We have provided rain water harvesting at the top of the office area and made collection tank of 100 m3 capacity for the collection of rain water. The collected rain water is utilized for process to minimize the fresh water consumption. We have also made arrangement to recharge the bore well with storm water.
vi.	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste water and storm water drains.	We have constructed garland drain nearby by the storage tanks of liquid raw materials to avoid mixing of accidental spillages with domestic waste water and storm water drains.
vii	Usage of Personnel Protection Equipments by all employees/workers shall be ensured.	We have provided PPE'S like hand gloves, gum boot, helmet, mask etc to the each worker and ensure that to use it within the factory premises.
ii.	Training shall be imparted to all employees on safety and health aspects of chemicals handling.	We have regularly carried out training on safety and health once in a six month through authorized agency.

Asha Cellulose (I) Pvt. Ltd.

Summary of Training Conducted for the period of Apr-19 to Sept-19

Sr. No.	Training Topic	Training Conducted Date	No. of Participants
1	MSDS, NFPA & HAZ Chem	19-04-2019	11
2	Fire Fighting (Practical)	14-06-2019	35
3	Pollution & Prevention	21-06-2019	22
4	ISO 9001:2015 ISO 14001:2015 & BS OHSAS 18001:2007 (IMS)	10-07-2019 & 11-07-2019	10 & 12
5	Empathetic Communication	03-08-2019	15
6	Stress Management & Emotional Intelligence	10-08-2019	14
7	First-Aid	13-09-2019 & 14-09-2019	14

ASHA CELLULOSE (I) PVT. LTD.

ASHA CELLULOSE

Effectiveness of Training

Training Topic :	Empathetic Communication
Actual Training given Date:	03-Aug-19
Post Training Assessment Date:	03-Aug-19

Observation from Trainer / Evaluator :

The training topic "Empathetic Communication" was specially designed in Gujrati language to understand the participants properly as all the participants were workers and they were well conversant with the local language.

Total 15 workers were participated in the training section and after the training conducted, all the participants were evaluated through training topic oriented questionnaires. In the assessment result, it was found that all the participants have secured "Excellent" Grade (10 out of 10).

Therefore, the assessment result itself shows that the given training was fruitful to the participants.

Mr. H. S. Prajapati
— Trainer

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/06 Page No. 1 of 1

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ASHA CELLULOSE

Training Assessment Result

Training Topic : Empathetic Communication

Training Date : 03-Aug-19 Assessment Date : 03-Aug-19

Trainer : Mr. H.S. Prajapati (External)

Sr. No.	Name of Participants	Score	Remarks
1.	Dhanourbhai Nayrva	10	Excellent
2.	Mungeshbhai Rathod	10	Excellent
3.	Rahulbhai Rathod	10	Excellent
4.	Hardik Patel	10	Excellent
5.	Praveinbhai Patel	10	Excellent
6.	Manojkumar Patel	10	Excellent.
7.	Mungeshbhai Patel	10	Excellent
8.	Ravinkumar Rathod	10	Excellent
9.	Ketan Patel	10	Excellent.
10.	Arvind Patel	10	Excellent
11.	Jayesh Sureti	10	Excellent
12.	Amrut Patel	10	Excellent
13.	Anjuru Patel	10	Excellent
14.	Rameshbhai Patel	10	Excellent
15.	Bipinbhai Patel	10	Excellent.

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/05 Page No. 1 of 1

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ASHA CELLULOSE (I) PVT. LTD.

TRAINING ATTENDANCE SHEET

Subject : Empathetic communication in Gujrati

Date & Time : 03-Aug-19 + 12:00 p.m Duration : 4 hrs.

Faculty/Trainer : Mr. H.S. Prajapati

No	Name of Participant	Dept	Signature	Remarks
1	[illegible]	R1	BMP	
2	[illegible]	[illegible]	M.Patel	
3	Amrut S. Patel	office	[illegible]	
4	[illegible]	R-2	[illegible]	
5	Karan. Sovin Patel	R1	Karan.C.Pel.	
6	Arvind M. Patel	R-1	[illegible]	
7	Jayesh R. Gurav	LAB	[illegible]	
8	[illegible]	પટેલ	A.R.P.	
9	[illegible]	[illegible]	R.O.P	
10	[illegible]	[illegible]	P.N.P	
11	[illegible]	[illegible]	D.D.N	
12	[illegible]	[illegible]	M.B.P	
13	Patel Munaj . J	ETP	Patel Munaj J	
14	Patel Hardik . R	Asha Kate	H.R. Patel	
15	[illegible]	[illegible]	R.B.P.	

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Rev : 00 Date Effective : 01/03/2011 QA/FR/11 Page 1 of 1

> > > > > The Master Document is Signed & Approved.

આશા સેલ્યુલોઝ (ઈ) પ્રા. લી.

તાલીમાર્થીનું નામ: [illegible] તારીખ: 3/8/19

તાલીમ નો વિષય: અસરકારક અનુભૂતિશીલ સંદેશાવ્યવહાર

પ્રશ્નપત્ર

ક્રમાંક	પ્રશ્નો	જવાબ પસંદ કરો	ગુણ
૧	સંદેશાવ્યવહાર- કોમ્યુનિકેશન- એટલે માહિતી અને લાગણીનું વિનિમય કરવાની પ્રક્રિયા.	હા ✓ ના	✓
૨	સંદેશાવ્યવહાર માત્ર સંદેશ જ નહીં પરંતુ સંદેશનો અર્થ	હા ✓ ના	✓
૩	સંદેશાવ્યવહાર એક કલા છે અને તે અનુભવ અને ધૈર્ય દ્વારા સુધરે છે	હા ✓ ના	✓
૪	સંશોધન કહે છે કે કાર્યસ્થળમાં 70% ભૂલો નબળા સંદેશાવ્યવહારનું સીધું પરિણામ છે	હા ✓ ના	✓
૫	તમે જે કહો છો તે કામનું છે પરંતુ તમે કેવી રીતે કહો છો તે મહત્વપૂર્ણ છે	હા ✓ ના	✓
૬	જ્યારે અન્ય લોકો સાથે વાત કરો ત્યારે આંખનો યોગ્ય સંપર્ક જાળવવાથી વાતચીત કરવામાં મદદ મળે છે	હા ✓ ના	✓
૭	વાતચીત એ આપણા બધા લક્ષ્યોને પ્રાપ્ત કરવાની ચાવી છે.	હા ✓ ના	✓
૮	સહાનુભૂતિ :- તમારી જાતને તેમની જગ્યાએ મૂકો અનુભૂતિ : - અન્યની લાગણીઓને સમજો અને સ્વીકારો	હા ના ✓	✓
૯	તમે વાત કરો તે પહેલાં, ખરેખર બીજાઓ શું કહે છે તે સાંભળો	હા ✓ ના	✓
૧૦	અનુભૂતિપૂર્વક સાંભળવું એ સાંભળવાનો ઉચ્ચતમ પ્રકાર છે.	હા ✓ ના	✓

10/10

કુલ ગુણ

તાલીમાર્થીની સહી : D.D. Naika. તાલીમ આપનારની સહી

ASHA CELLULOSE

ASHA CELLULOSE (I) PVT. LTD.

Effectiveness of Training

Training Topic :	Fire fighting (Practical)
Actual Training given Date:	14/08/19
Post Training Assessment Date:	14/08/19

Observation from Trainer / Evaluator :

It is a practical training. Hence, all the participants were involved practically into the training. There were total 35 members participated and post the training their evaluation done through questionnaire related to the given training to find the effectiveness of training. Hereunder, the participated members' assessment results:

"Excellent" Grade → 15 members (Secured 09/10 out of 10)

"Very Good" Grade → 20 members (Secured 08 out of 10)

Hence, the effectiveness of training is overall fruitful to the participated members.

Mr. Suresh B. Parmar
→ Trainer

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/06 Page No. 1 of 1

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ASHA CELLULOSE

ASHA CELLULOSE (I) PVT. LTD.

Training Assessment Result

Training Topic : Fire fighting (Practical)

Training Date : 14/08/19 Assessment Date : 14/08/19

Trainer : Mr. Suresh B. Parmar (Internal)

Sr. No.	Name of Participants	Score	Remarks
1.	Hemant R. Patel	09	Excellent
2.	Sunil B. Patel	10	Excellent
3.	Anup M. Prajapati	10	Excellent
4.	H.N. Chauhan	10	Excellent
5.	Jigar J. Prajapati	10	Excellent
6.	Rahul C. Desai	10	Excellent
7.	Subhash Sahu	09	Excellent
8.	Jayotish K. Patel	08	Very Good
9.	Bhavesh A. Patel	08	Very Good.
10.	Vijay Surti	09	Excellent
11.	Raman B. Ahire	08	Very Good.
12.	Prapash Prajapati	08	Very Good.
13.	Ranjan Sahu	08	Very Good.
14.	Keval Patel	08	Very Good.
15.	Saman A. Patel	09	Excellent.
16.	Rahul B. Rathod	08	Very Good.
17.	Mehul L. Nayaka	09	Excellent
18.	Jignesh A. Nayaka	08	Very Good.
19.	Kiran B. Nayaka	08	Very Good
20.	Amrit G. Patel	08	Very Good.

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/05 Page No. 1 of 1

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Training Assessment Result

Training Topic : Fire fighting (Practical)

Training Date : 14/06/19 | Assessment Date : 14/06/19

Trainer : Mr. S. B. Parmar (Internal)

Sr. No	Name of Participants	Score	Remarks
21.	Viramal I. Patel	08	Very Good
22.	Jignesh R. Rathod	08	Very Good.
23.	Himanshu D. Patel	08	Very Good.
24.	Lalit M. Patel	08	Very Good.
25.	Kiran L. Patel	09	Excellent
26.	Sanjay R. Patel	08	Very Good.
27.	Umesh R. Patel	08	Very Good.
28.	Mukesh K. Patel	08	Very Good.
29.	Anand B. Patel	08	Very Good.
30.	Soni J. Prajapati	09	Excellent
31.	Manish N. Lad	09	Excellent
32.	Sanjay Patel	09	Excellent
33.	Vishal I. Tandel	08	Very Good
34.	Kreumal P. Mistry	10	Excellent.
35.	Jiralbhai S. Ahir	08	Very Good.

Rev. No. : 00 | Date Effective: 01/01/2017 | PA/FR/05 Page No. 1 of 1

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આશા સેલ્યુલોઝ પ્રાઇવેટ લિમીટેડ, અબ્રામા – વલસાડ

ટ્રેઈનીંગ એટેન્ડન્સ શીટ

વિષય: ફાયર ફાઇટીંગ - (પ્રેક્ટિકલ) તારીખ: ૧૪.૦૬.૨૦૧૯

ટ્રેઈનીંગ આપનાર એજન્સી: એસ બી પરમાર ટાઈમ: ૧૦.૧૫ - ૧૧.૨૦

અનુક્રમ નંબર	નામ	વિભાગ	સહી
૧	Bakul C. Desai	R. Raw	
૨	Kreumal P. mistry	Accounts	
૩	Anup M. Bhadupati	PON	
૪	Jiral S. Ahir	ETP	J.S. Ahir
૫	Jigar I. Prajapati	Maint.	
૬	Vishal I. Tandel	Store	
૭	Dr. Gautam Vaidya	R&D	
૮	H.N. Chauhan	Engg	
૯	Kiran L. Patel	Store	
૧૦	Mukesh K. Patel	A.KBT	
૧૧	Umesh R. Patel	Packing	
૧૨	Mahesh Y. Patel	[illegible]	
૧૩	Ankit O. Patel	Electric	
૧૪	Rustam B. Amin	CHKLOR	R.B. Amin
૧૫	J.A. NAYKA	R-2	J.A. NAYKA
૧૬	Jagdish K. Patel	R-2	
૧૭	Bhavesh A. Patel	R-2	
૧૮	SOBATI	R2	
૧૯	Sawan R. Patel	OLS	
૨૦	Satish M.	W/S	
૨૧	Rathod Jignesh R.	W/S	
૨૨	Himanshu D. Patel	W/S	
૨૩	Sanjay R. Patel	Boiler	
૨૪	Pankaj Ranjbali	Security	
૨૫	Vimuchhai J. Patel	M.M.	
૨૬	ANATH B. Patel	[illegible]	A.B. Patel
૨૭	Rahul B. Rathod	Packing	
૨૮	Ranjan Sah	Pack	
૨૯	Manish N. Lad	Q.C	

29, Soni. J. Prajapati. QC

30, મેહુલ પટેલ લાયકા - R-2 મેહુલ

31, Sunil B. Patel PON

32, Hemant R. Patel. PON

33, વિજય રામ સુરતી R-2 V.R. Surati

34, કિરણ એમ. નાયકા R-1 KIRAN

35, Sanjay C Patel

14/6/19

આશા સેલ્યુલોઝ – અબ્રામા વલસાડ

ટ્રેનીંગ માં ભાગ લેનાર નું નામ અને સહી: Hemant. R. Patel ડીપાર્ટમેન્ટ: Production

વિષય: આગ ને તેનું નિવારણ તારીખ: 14/06/19

ટ્રેનીંગ આપનાર: S.B.Parmar (GM-EHS) (દરેક પ્રશ્નનો એક ગુણ છે)

(૧) આગ નુ વર્ગીકરણ (નીચેનામાંથી ખરૂં ટીક કરો)
(a) એ, બી, સી, ડી
(b) ૧,૨, ૩ , ૪
(c) એચ, જી, એફ, આઈ
(d) કે, પી , એન, સી

(૨) આગ લાગવા માટે ગરમી, બળતણ, હવા જરૂરી છે
ખરૂં કે ખોટું

(૩) ઇલેક્ટ્રિક ની ચાલુ લાઈન માં આગ લાગે તો કયું અગ્નિ શામક વાપરશો (યોગ્ય અગ્નિશામક પર ટીક કરો)
ડીસીપી, કાર્બન ડાઈઓક્સાઈડ, પાણી, ફોમ, એબીસી

(૪) આગ હોલવવા માટે જો આપણે આગ ને ઠંડી કરીએ તો આગ બુજી જાય
ખરૂં/ખોટું

(૫) પોર્ટેબલ અગ્નીશામકો ફક્ત પ્રાથમિક આગ હોલવવા માટે જ છે અને એના માટે તાલિમ લીધી હોવી જરૂરી છે
ખરૂં/ખોટું

(૬) કારટ્રીજ વાળા ડીસીપી ટાઇપ અગ્નીશામક ઓપરેટ કરતી વખતે તમે પોતાનુ માથુ પ્લંજર ની ઉપર ના રાખતા સાઇડ મા રાખો ખરૂં/ખોટું

(૭) અગ્નિશામકનો ઉપયોગ કરતી વખતે હંમેશા હવાની વિરૂધ્ધ દિશામા ઉભા રહવુ ખરૂં/ખોટું

(૮) હાયડ્રંટ નોઝલને પાઇપ સાથે જો યોગ્ય રીતે પકડવામા નહી આવેતો હાયડ્રંટ ના પાણી ના પ્રેસરને લીધે નોઝલ છટકીને લાગી શકે છે
ખરૂં/ખોટું

(૯) આગનો સામનો કરતી વખતે આપણે ઇમરજંસી દરવાજા ને ધ્યાનમા રાખી ને આગ હોલ વ વાનો પ્રયત્ન કરવો
ખરૂં/ખોટું

(૧૦) આગ જો ૫-૬ મિનીટ સુધીમા ના હોલવવામા આવે તો તે બહુજ ઝડ પથી વધશે
ખરૂં/ખોટું

કુલ ગુણ: 9

ચકાસણી કરનારની સહી:

સ્કોર: ૦-૫% ટ્રેનીંગ જરૂરી ૬-૭% સંતોષકારક ૮% સારૂં ૯-૧૦% બહુજ સારૂં

ASHA CELLULOSE

ASHA CELLULOSE (I) PVT. LTD.

TRAINING ATTENDANCE SHEET

Subject : First-Aid

Date & Time : 14.09.2019 f 10:00 a.m. to 4:00 P.m. Duration : 6 hours.

Faculty/Trainer : Dr. chintan Patel

No	Name of Participant	Dept	Signature	Remarks
1	Piyush. K. Mistry	Store	P.K.Mistry	
2.	Dharmesh D Patel	Re-PDN	DDPatel	
3	Kaunal Mistry	Acount	Kmistry	
4	Ritesh D. Patel	QC	[illegible]	
5	Bakul. C Desai	PDN	[illegible]	
6	Hitesh. C. Tayadal	PDN	H.C.Tayadal	
7.	Rathod Kaushik K	PDN	K.K.Rathod	
8	Prajapati Sagar J	PDN	[illegible]	
9.	Smit. D. Patel	ETP	[illegible]	
10.	Mamish. N. Lad	QC	[illegible]	
11	Meet P Patel	MNT	[illegible]	
12	Hitesh. B. Patel	P.D.N	H.B.Patel	
13	Bipinchandra. M. Patel	P.D.N	BMP	
14	Rakesh. L. Nayka	P.D.N	R.L.N	

14/09/19

14/9/19

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Rev : 00 Date Effective : 01/03/2011 QA/FR/11
Page 1 of 1

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ASHA CELLULOSE

ASHA CELLULOSE (I) PVT. LTD.

TRAINING ATTENDANCE SHEET

Subject : First-Aid

Date & Time : 13.09.19 f 10:00 a.m to 4:00 P.m Duration : 6 hrs.

Faculty/Trainer : Dr. chintan Patel

No	Name of Participant	Dept	Signature	Remarks
1	Piyush. K. Mistry	Store	P.K.Mistry	
2.	Bakul. C. Desai	PDN	[illegible]	
3	Ritesh D. Patel	QC	[illegible]	
4	Mamish. N. Lad	QC	[illegible]	
5	Prajapati Sagar J.	PDN	[illegible]	
6.	Rathod Kaushik K.	PDN	K.K. Rathod	
7	Hitesh. C. Tayadal	PDN	H.C.Tayadal	
8	Meet. P. Patel	MNT	[illegible]	
9	Smit. D. Patel	ETP	[illegible]	
10	Rakesh. L. NAYKA	R. 2	R.L.N	
11	Hitesh. B. Patel	R. 2	H.B.Patel	
12.	Dharmesh D Patel	P2	DDPatel	
13.	Kaunal Mistry	Acount	[illegible]	
14	Bipinchandra. M. Patel	P.D.N	BMP	

13/09/19

13/9/19

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Rev : 00 Date Effective : 01/03/2011 QA/FR/11
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Asha Cellulose (I) Pvt. Ltd.

Training Topic : First- Aid
Faculty : Dr. Chintan Patel
Date : 13-Sept-2019 & 14-Sept-19
Duration : 6 hours both days

Indian Red Cross Society

Gujarat State Branch

Near Khadi Gramodhyog Board, Ashram Road,
Wadaj, Ahmedabad - 380 013. Phone : 079-2755 7055/ 56

F/DMS/13
Rev 00

Ref. : IRCS/GSB/FA/PC/ 18-19 / 64794-12

Date : 13/12/2019

Certificate NO. : 83732

PROVISIONAL CERTIFICATE

(Valid for One Year)

This is to certify that Shri/Kum/Smt. MEET PATEL S/O PRAVINBHAI has successfully undergone training in First Aid Senior/Voucher/Medallion Course from 13/09/2019 To 14/09/2019 under the auspices of **Indian Red Cross Society** and has passed the examination held on 14/09/2019 at VALSAD The relevant examination report for issue of original certificate has been sent to the Secretary-General, **Indian Red Cross Society** and **St. John Ambulance (India)** New Delhi and the original certificate will be issued thereafter to the holder of the Provisional Certificate.

INDIAN RED CROSS SOCIETY GUJARAT STATE

Signature of the Candidate

General Secretary
Indian Red Cross Society
Gujarat State Branch

Note : 1. This Provisional Certificate is valid for **One Year** from the date of issue of this certificate. and is non-renewable
2. If There is any requirement for clarification, Please Contact to I.R.C.S. Office on Phone : 079-2755 7055

12

Indian Red Cross Society

Gujarat State Branch

Near Khadi Gramodhyog Board, Ashram Road,
Wadaj, Ahmedabad - 380 013. Phone : 079-2755 7055/ 56

F/DMS/13
Rev-00

Ref.: IRCS/GSB/FA/PC/ 18-19 / 64794-13

Date: 13/12/2019

Certificate No.: 83733

PROVISIONAL CERTIFICATE

(Valid for One Year)

This is to certify that Shri/Kum/Smt. BIPINCHANDRA PATEL S/O MOHANBHAI has successfully undergone training in First Aid Senior/Voucher/Medallion Course from 13/09/2019 To 14/09/2019 under the auspices of **Indian Red Cross Society** and has passed the examination held on 14/09/2019 at VALSAD The relevant examination report for issue of original certificate has been sent to the Secretary-General, **Indian Red Cross Society** and **St. John Ambulance (India)** New Delhi and the original certificate will be issued thereafter to the holder of the Provisional Certificate.

Signature of the Candidate

General Secretary
Indian Red Cross Society
Gujarat State Branch

Note : 1. This Provisional Certificate is valid for **One Year** from the date of issue of this certificate, and is non-renewable
2. If There is any requirement for clarification, Please Contact to I.R.C.S. Office on Phone : 079-2755 7055

13

Indian Red Cross Society

Gujarat State Branch

Near Khadi Gramodhyog Board, Ashram Road,
Wadaj, Ahmedabad - 380 013. Phone : 079-2755 7055/ 56

F/DMS/13
Rev-00

Ref.: IRCS/GSB/FA/PC/ 18-19 / 64794-14

Date: 13/12/2019

Certificate No.: 83734

PROVISIONAL CERTIFICATE

(Valid for One Year)

This is to certify that Shri/Kum/Smt. RAKESHBHAI NAYKA S/O LAKSHMANBHAI has successfully undergone training in First Aid Senior/Voucher/Medallion Course from 13/09/2019 To 14/09/2019 under the auspices of **Indian Red Cross Society** and has passed the examination held on 14/09/2019 at VALSAD The relevant examination report for issue of original certificate has been sent to the Secretary-General, **Indian Red Cross Society** and **St. John Ambulance (India)** New Delhi and the original certificate will be issued thereafter to the holder of the Provisional Certificate.

Signature of the Candidate

General Secretary
Indian Red Cross Society
Gujarat State Branch

Note : 1. This Provisional Certificate is valid for **One Year** from the date of issue of this certificate, and is non-renewable
2. If There is any requirement for clarification, Please Contact to I.R.C.S. Office on Phone : 079-2755 7055

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ASHA CELLULOSE

Effectiveness of Training

Training Topic :	IMS & clauses.
Actual Training given Date:	10 & 11.07.2019
Post Training Assessment Date:	10 & 11.07.2019

Observation from Trainer / Evaluator :

After training conducted, all the participants are evaluated through training topic oriented questionnaires. Hereunder, the participants' assessment results:

"Excellent" Grade → 04 employees' (Marks secured 14 out of 15)

"Very Good" Grade → 06 employees' (Marks secured 13 out of 15)

Hence, the given training session was fruitful to the participants and creates good awareness of IMS system among the participants.

Mr. Suresh B Parmar
(Trainer)

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/06 Page No. 1 of 1

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ASHA CELLULOSE

Training Assessment Result

Training Topic : IMS & clauses.
Training Date : 10.07.2019 Assessment Date : 10 & 11.07.2019
Trainer : Mr. Suresh B. Parmar (Internal)

Sr. No.	Name of Participants	Score	Remarks
1.	Sanjay C. Patel	14	Excellent
2.	Hemant R. Patel	14	Excellent
3.	Bapul C. Desai	14	Excellent
4.	Piyush K. Mistry	13	Very good.
5.	Kalpesh C. Desai	12½	Very good.
6.	Dr. Gautam Vaidya	13	Very good
7.	Ritesh D. Patel	13	Very good.
8.	D. J. Ghediyali	13	Very good
9.	Nantu Das	14	Excellent.
10.	Tanay Gautam	13	Very good.

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/05 Page No. 1 of 1

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Asha Cellulose (I) Pvt. Ltd. - Valsad

Subject: IMS Q10 Clauses
Date: 10/7/19
Trainer: S.B. Parmar
Time: 16.30 to 16.3

We have learnt about IMS i.e. ISO 14001:2015, ISO 9001:2015 and OHSAS 18001:2007

Sr. No.	Name	Department	Sign
1	Devang J. Gheedigali	PDN	
2	Bakul C. Desai	PDN	
3	Janak Gautam	MNT	
4	Vijay N. Shah	QC (Micro)	
5	Sanjay C. Patel	HOD QC	
6	Dr. Gautam P. Vaidya	R&D	
7	Ritesh D. Patel	QC	
8	Jigar D. Patel	MNT	
9	Kalpesh C. Desai	ACCT, ADM & IT	
10	Nantu Das	HR	
11	R. R. Mishi	QC	
12	Dr. A. K. RANA	PDN	
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10/7/19

Asha Cellulose (I) Pvt. Ltd. - Valsad

Subject: IMS Q10 Clauses
Date: 10/7/19
Trainer: S.B. Parmar
Time: 16.30 to 16.3

We have learnt about IMS i.e. ISO 14001:2015, ISO 9001:2015 and OHSAS 18001:2007

Sr. No.	Name	Department	Sign
1	Devang J. Gheedigali	PDN	
2	Bakul C. Desai	PDN	
3	Janak Gautam	MNT	
4	Vijay N. Shah	QC (Micro)	
5	Sanjay C. Patel	HOD QC	
6	Dr. Gautam P. Vaidya	R&D	
7	Ritesh D. Patel	QC	
8	Jigar D. Patel	MNT	
9	Kalpesh C. Desai	ACCT, ADM & IT	
10	Nantu Das	HR	
11	R. R. Mishi	QC	
12	Dr. A. K. RANA	PDN	
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10/7/19

Asha Cellulose (I) Pvt. Ltd. - Valsad

Subject:
Date:
Trainer:
Time:

We have learnt about IMS i.e. ISO 14001:2015, ISO 9001:2015 and OHSAS 18001:2007

Sr. No.	Name	Department	Sign
1	D. J. Gheedigali	PDN	
2	Kalpesh C. Desai		
3	Dr. A. K. RANA	PDN	
4	Bakul C. Desai	PDN	
5	Dr. Gautam P. Vaidya	R&D	
6	Ritesh D. Patel	QC	
7	Hemant R. Patel	PDN	
8	Sanjay C. Patel	HOD QC	
9	Piyush K. Mistry	Store	
10	R. R. Mishi	QC	
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Asha Cellulose (I) Pvt. Ltd. - Valsad

Subject:
Date:
Trainer:
Time:

We have learnt about IMS i.e. ISO 14001:2015, ISO 9001:2015 and OHSAS 18001:2007

Sr. No.	Name	Department	Sign
1	D. J. Gheedigali	PDN	
2	Kalpesh C. Desai		
3	Dr. A. K. RANA	PDN	
4	Bakul C. Desai	PDN	
5	Dr. Gautam P. Vaidya	R&D	
6	Ritesh D. Patel	QC	
7	Hemant R. Patel	PDN	
8	Sanjay C. Patel	HOD QC	
9	Piyush K. Mistry	Store	
10	R. R. Mishi	QC	
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Asha Cellulose India PVT LTD, Abrama- Valsad

TRAINING ASSESSMENT FORM

Training Topic : IMS Awareness

Name of trainee: Sanjay Department: QC Sign. : Sep

Name of Trainer: SB Parmar Sign. : 11/07/19

Date:

Marks

1. **Which certification related ISO and OHSAS in place at this site? (Tick mark on correct one)** (1)

   ISO 14001:2015 [✓], OHSAS 18001:1999 [ ], OHSAS 18001:2007 [ ], ISO 9001:2015 [✓]
   ISO 9001:2004 [ ]

2. **ISO 14001:2004 is a management tool used by organizations to manage their environmental risks** (1)

   True / False ✓

3. OHSAS 18001:2015 is a management tool used by organizations to manage their Occupational Health & Safety concerns (1)

   True False

4. Which Management System at present used to address Quality concern at this site (Tick Mark)
   ISO 14001:2015 [ ], OHSAS 18001:1999 [ ], OHSAS 18001:2007 [ ], ISO 9001:2015 [✓]
   ISO 9001:2004

5. IMS Objectives arises from **(Tick mark on correct one)** (1)

   (a) Environment Aspect/Impact
   (b) Hazards Identification and Risk Assessment (HIRA)
   (c) Legal requirements
   ✓(d) a to c

6. IMS Internal Audit is conducted at what frequency at this facility? **(Tick mark on correct one)** (1)

   (a) Once in year,
   ✓(b) Twice in a year
   (c) Thrice in year
   (d) Four time in a year

7. Management Review Meeting is conducted at what frequency? **(Tick mark on correct one)** (1)

   ✓(a) Once in year
   (b) Twice in a year
   ✓(c) Thrice in a year
   (d) Once in two yea
   (e)

8. What is HIRA Hazards Identification & Risk Assessment (1)

9. Facility all Legal requirement has been summarized in **(Tick mark on correct one)** (1)

   ✓a. Register of Regulation
   b. Register of Remedy
   c. Register of Reason
   d. Register of Revolution

Next Page

TRAINING ASSESSMENT FORM

Training Topic : OHSAS/ISO Awareness

Name of trainee: Department: Sign. :

Name of Trainer: SB Parmar Sign. :

Date:

Marks

10. How Many Clauses in ISO 9001:2015 & ISO 14001:2015 (1)
    a. 10 ✓
    b. 6
    c. 5
    d. 8

11. Flo w Process Chart is require to identify HIRA and Aspect/Impact
    True / False

12. External Audit is conducted once a year (1)

13. Incident In vestigation is not a part of IMS
    True / False

14. What do you mean by OCP Operational Control Procedure (1)

15. Full Form of ISO and OHSAS International Organisation Standardization Occupational Health & Safety Assessment Series.

Total Marks Obtained : 18

Score :- 0-5 : Retraining, 6-7 : Satisfactory, 8 : Very Good, 9 – 10 : Excellent

Signature of Evaluator:

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Effectiveness of Training

Training Topic :	MSDS, NFPA & Haz. Chem
Actual Training given Date :	19/09/2019
Post Training Assessment Date:	19/09/2019

Observation from Trainer / Evaluator :

All the participants are evaluated through training topic oriented questionnaire and hereunder their assessment results:

"Excellent Grade" → 07 employees' [Marks secured 9-10 out of 10]

"Very Good" Grade → 02 employees' [Marks secured 08 out of 10]

"Satisfactory" Grade → 02 employees' [Marks secured 07 out of 10]

Hence, the overall training effectiveness is very good. Further, the trainer got the satisfactory answers from the participated employees' at the time of interaction with them after one week from the training conducted date.

Mr. S. B. Parmar
Trainer

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/05 Page No. 1 of 1

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Training Assessment Result

Training Topic : MSDS, NFPA & Haz. Chem

Training Date : 19/09/2019 Assessment Date : 19/09/2019

Trainer : Mr. Suresh B. Parmar (Internal)

Sr. No.	Name of Participants	Score	Remarks
1.	H. N. Chauhan	10	Excellent
2.	Brijesh M. Rathod	07	Satisfactory
3.	Tirad S. Ahir	08	Very Good
4.	Krunal P. Mistry	10	Excellent
5.	Hemant R. Patel	9½	Excellent
6.	Sanjay C. Patel	8½	Very Good
7.	Kaushik K. Rathod	07	Satisfactory
8.	Rajesh R. Vasli	09½	Excellent
9.	Dasang J. Ghadiyali	09½	Excellent
10.	Bakul C. Desai	09½	Excellent
11.	Kalpesh C. Desai	09½	Excellent

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/05 Page No. 1 of 1

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આશા સેલ્યુલોઝ પ્રાઇવેટ લિમીટેડ, અબ્રામા - વલસાડ

ટ્રેઈનીંગ એટેન્ડન્સ શીટ

વિષય: MSDS, NFPA, Haz. Chem. તારીખ: 19/04/2019

ટ્રેઈનીંગ આપનાર એજન્સી: એસ બી પરમાર ટાઈમ: 10-00 - 11-00

અનુક્રમ નંબર	નામ	વિભાગ	સહી
૧	Devang J. Ghediyali	PDN.	
૨	Bakul C. Dara	PDN	
૩	Kalpesh Desai	HOD: Accounts Admin. Mng.	
૪	R. R. Nashi	H.O.	
૫	H.N. Chauhan	maint	
૬	Jizal S. Ahir	ETP	J.S. Ahir
૭	Hemant R. Patel	PDN	
૮	Kunal Mistry	Account	
૯	Kaushik Rathod	C&C)	K.K. Rathod
૧૦	Bhiiesh M. Rathod	Account	
૧૧	Sanjay C. Patel	QC	
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આશા સેલ્યુલોઝ - વલસાડ

ટ્રેનિંગ એસેસમેન્ટ ફોર્મ

ટ્રેનિંગ વિષય: એમએસડીએસ અને ઈમરજન્સી એન્ડ ઈમર્જન્સી રિપોર્ટમેન્ટ: ETP તારીખ: 19-4-19

ટ્રેનિંગ લેનાર નું નામ: Jizal S. Ahir સહી: J.S. Ahir

ટ્રેનિંગ આપનાર નું નામ: SB Parmar સહી:

	પ્રશ્ન	ગુણ
1	એમએસડીએસ નું આખું નામ શું છે? મટીરીયલ સેફટી ડેટા શીટ	1
2	એમએસડીએસ માં કેટલા વિભાગ હોય છે? નીચે આપેલ ઓપશન માં ટીક કરો 10 [ ] 17 [ ] 16 [✓] 18 [ ]	1
3	સીએએસ (CAS) નંબર એટલે શું? નીચે આપેલ ઓપશન માં ટીક કરો કેમિકલ એનાલિસી શીટ [ ] કોમ્પોઝિટ એનાલિસી શીટ [ ], કેમિકલ એબ્સ્ટ્રેક્ટ સર્વિસ) નંબર [✓] કેમિકલ એસેસમેન્ટ સર્વિસ [ ]	1
4	એલઈએલ (LEL) અને યુઈએલ (UEL) નુ ફુલ ફોર્મ શું?	1
5	અકસ્માત ના થાય તે માટે જોખમી કેમીકલોને એની કંપેટિબિલિટી પ્રમાણે સ્ટોર કરવા જોઈએ ખરૂં [✓] ખોટું [ ]	1
6	ટીએલવી નો મીનિંગ શું થાય? નીચે આપેલ ઓપશન માં ટીક કરો થ્રેશોલ્ડ લિમિટ વેલ્યુ [✓] થ્રી લાઈન વેલ્યુ [ ], ટાઈમ લાઈન વેલ્યુ [ ], થ્રેશોલ્ડ લીમ્સ વેલ્યુ [ ]	1
7	એનએફપીએ ના ચાર ડાયમોંડ મા ભુરો અને લાલ ડાયમોંડ શુ દર્શાવે છે?	1
8	LC 50 એટલે લીથલ કોન્સેન્ટ્રેશન લેવલ ખરૂં [✓] ખોટું [ ]	1
9	શેલ પડ અજાણ્યા કેમીકલ ને ઉપયોગ મા લેતા પેહલા એમએસડીએસ સમજવી જોઈએ હા / ના	1
10	ફ્લેમેબલ લિક્વીડ એટલે જે લિક્વીડ નુ ફ્લેશ પોઈંટ 35° C કરતા વધારે હોય ખરૂં / ખોટું ખોટું	1

ટોટલ ગુણ: 8

ચકાસવા વાળાની સહી:

સ્કોર: 0-૫ રીટ્રેનિંગ ૬-૭ સંતોષજનક ૮- ઘણુંજ સારૂં ૯-૧૦: એક્સિલન્ટ

ASHA CELLULOSE (I) PVT. LTD.

Effectiveness of Training

Training Topic :	Stress Management & Emotional Intelligence
Actual Training given Date:	10-Aug-2019
Post Training Assessment Date:	10-Aug-2019

Observation from Trainer / Evaluator :

There were 14 employees participated into the subjected training. The training was conducted for four hours and after conducted the training, all the participants were evaluated through training subject oriented questionnaires to verify the effectiveness of training.

In the training assessment, it was found that all the participants were secured "Excellent" grade (10 out of 10). Hence, the given training was fruitful to the all participants.

Mr. H.S. Prajapati
Trainer

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/05 Page No. 1 of 1

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ASHA CELLULOSE (I) PVT. LTD.

Training Assessment Result

Training Topic :	Stress Management & Emotional Intelligence		
Training Date :	10-Aug-2019	Assessment Date :	10-08-2019
Trainer :	Mr. H.S. Prajapati (External)		

Sr. No.	Name of Participants	Score	Remarks
1.	Devang J. Ghediyali	10	Excellent
2.	Kaunal P. Mistry	10	Excellent
3.	Bakul C. Desai	10	Excellent
4.	Axay S. Rawat	10	Excellent
5.	Sagar J. Prajapati	10	Excellent
6.	Akhtarhusen C. Khalifa	10	Excellent
7.	Sanjay C. Patel	10	Excellent
8.	Harendrasinh N. Chauhan	10	Excellent
9.	Jyotsana M. Pandya	10	Excellent
10.	Jagdish M. Maisuria	10	Excellent
11.	Sanjay J. Prajapati	10	Excellent
12.	Vishal J. Tandel	10	Excellent
13.	Jaman M. Gamtam	10	Excellent
14.	Kaushik K. Rathod	10	Excellent

Rev. No. : 00 Date Effective: 01/01/2017 PA/FR/05 Page No. 1 of 1

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ASHA CELLULOSE (I) PVT. LTD.

TRAINING ATTENDANCE SHEET

Subject : Stress Management & Emotional Intelligence

Date & Time : 10-Aug-19 & 02:00 p.m Duration : 4 hours.

Faculty/Trainer : Mr. H.S. Prajapati (external).

No	Name of Participant	Dept	Signature	Remarks
1	Jagdish. M. Maurya	PDN		
2	Sani. J. Rajpur.	QC		
3.	Vishal I. Tandel	Store		
4.	Kunthik H. Rathod	PDN		
5	Prajapati Sagar J	PDN		
6	Rawat Areej S.	PDN		
7.	Devang. J. Ghadiyali	PDN		
8	Babu. C. Das	PDN		
9	Kaushal Mistry	Acc		
10	Chauhan H.N.	Energy		
11	Sanjay C. Patel	QC		
12	Akshay. C. Khacif	PDN		
13	Jonak Gontam	PDN		
14	Tejshree Pandya	QA		
			H. S. Prajapati	

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Page 1 of 1

> > > > > The Master Document is Signed & Approved.

Asha Cellulose (I) PVt. Ltd. and Asha Penn Color Pvt. Ltd.

Name of participant: Devang J. Ghadiyali **Date:** 10/08/19

Training Subject: Stress Management and Emotional Intelligence

Test paper

Sr. No.	Questions	Select Answer	Marks
1	Stress is an outside force, situation or event that has an effect on our body or mind.	Yes No	✓
2	Stress is physical or emotional reaction/response to any kind of change – external or internal	Yes No	✓
3	Moderate levels of stress may actually improve performance and efficiency	Yes No	✓
4	Managing time and task will never reduce stress.	Yes No	✓
5	Rest and relaxation will not reduce the stress level	Yes No	✓
6	Stress is a response to situation, It is not the situation itself	Yes No	✓
7	Too much stress may cause an unproductive anxiety level.	Yes No	✓
8	Emotional Intelligence means how well we handle emotions of ourselves and each other.	Yes No	✓
9	Self-awareness is to assess your emotions and its impact	Yes No	✓
10	Self-regulation to establish self-control	Yes No	✓

Total: 10/10

Signature of participant **Signature of Trainer**

Asha Cellulose (I) PVt. Ltd. and Asha Penn Color Pvt. Ltd.

Name of participant: Kaushal Bhavinbhai Mistry **Date:** 10/08/19

Training Subject: Stress Management and Emotional Intelligence

Test paper

Sr. No.	Questions	Select Answer	Marks
1	Stress is an outside force, situation or event that has an effect on our body or mind.	Yes No	✓
2	Stress is physical or emotional reaction/response to any kind of change – external or internal	Yes No	✓
3	Moderate levels of stress may actually improve performance and efficiency	Yes No	✓
4	Managing time and task will never reduce stress.	Yes No	✓
5	Rest and relaxation will not reduce the stress level	Yes No	✓
6	Stress is a response to situation, It is not the situation itself	Yes No	✓
7	Too much stress may cause an unproductive anxiety level.	Yes No	✓
8	Emotional Intelligence means how well we handle emotions of ourselves and each other.	Yes No	✓
9	Self-awareness is to assess your emotions and its impact	Yes No	✓
10	Self-regulation to establish self-control	Yes No	✓

Total: 10/10

Signature of participant **Signature of Trainer**

	Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	We are regularly carried out pre-medical of each worker through private medical officer and maintain the records as per factory act rules. We have regularly carried out training on handling of hazardous chemicals once in a six month through competent authority. We are following SOPs for handling of hazardous chemicals. Enclosed herewith the copy of SOPs for reference. Also training is imparted regularly on handling of hazardous chemicals.
ix.	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendation made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	We are complying with all the environmental protection measures and safe guards mentioned in the project report submitted to the Ministry. We have complied with all the suggestion/observations made in risk assessment report, EIA and EMP. We are implementing measures related EIA and EMP. Details of risk analysis and mitigation measures are enclosed herewith.

RISK ASSESSMENT REPORT

6.4.1 HAZARDOUS MATERIALS

The details of raw materials & product of the proposed project are already described in earlier chapter 2. As studied with reference to the provisions of MSIHC rules-2000, five materials are found to be hazardous in nature mainly due to their flamable/ corrosive/ toxic properties. The details of the identified hazardous chemicals are given below:

Table 6.1: Details of Hazardous Chemicals

S. No	Name of Chemicals	Storage Details		MP/ BP/ FP, °C	LFL/ UFL, %	MSIHC Applicability	Possible Hazards	Control Measures
		Max. Storage qnty., MT/KL	Storage Facility					
1.	Caustic Flakes	100	Bags – 2000 x 50	MP: 323 BP: 1388 FP: N/A	N/A	Sch. I, Part II	Corrosive & Toxic	Dehumidifier Provide, PPE's like apron, goggles, nose mask, hand gloves, gumboots are used while handling; proper & suitable packaging & storage facilities
2.	Acetic Acid	1.75	Carboys – 35x50	MP: 17 BP: 118.1 FP: 39	LFL: 4 UFL: 19.9	Sch. I, Part II	Corrosive & Toxic	
3.	Ethyl Chloride	12.2	Cylinders - 12x600, 20x250	MP: -138.7 BP: 12.3 FP: -50	LFL: 3.6 UFL: 15.4	Sch. I, Part I	Flammable , Toxic	Stored in isolated place-tank farm area as per regulatory requirements; provision of flameproof electrical fittings, equipment & machineries in storage area; fire fighting facilities provided; Nitrogen blanket provided
4.	Toluene	95	Tanks – 15x2, 17x1, 14x2, 10x1, 2.5x4	MP: 95 BP:110.6 FP: 4	LFL: 1.1 UFL: 7.1	Sch. I, Part II	Flammable , Toxic	
5.	SDS (Ethanol)	15	17	MP: -114 BP: 78.5 FP: 13	LFL:3.3 UFL: 19	Sch. I, Part I	Flammable	
6	Natural Gas (Methane)	N/A (No Storage, supply through 3 inch. Pipeline with 300 milli bar pressure)		MP:-182.6 BP:-161.4 FP:-171	LFL: N/A UFL: N/A	Sch. I, Part II	Flammable	No storage; Safety Measures as per statutory provisions for PRV station & Pipelines; Flameproof electrical fittings, machines & equipment in PRV station area; Isolated place of PRV station; Proper maintenance & colour coding of Pipes. Fire Fighting system

Note: MP = Melting Point, BP = Boiling Point, FP = Flash Point, LFL = Lower Flammable Limits, UFL = Upper Flammable Limits.

6.4.2 PROBABLE HAZARDS & CONSEQUENCES ANALYSIS

The details of probable hazards and consequences analysis for the probable hazards associated with the hazardous materials of the proposed project are described below.

6.4.2.1 Probable Hazards

Toxic Hazards (Toxic Dispersion/Spill): Acetic Acid, Ethyl Chloride, Toluene, Sodium Hydroxide, SDS (as Ethanol).

Flammable Hazards:

Pool Fire: Ethyl Chloride, Toluene, SDS (as ethanol), Acetic Acid.

Flammable Cloud Dispersion (Flash Fire): Ethyl Chloride, Toluene, SDS (as ethanol), Acetic Acid.

Jet Fire: Natural gas (as methane) & Ethyl Chloride.

Vapour Cloud Explosion: Natural gas (as methane), Ethyl Chloride, Toluene, SDS (as ethanol), Acetic Acid.

Fireball: Ethyl Chloride, Toluene, SDS (as ethanol), Acetic Acid

6.4.2.2 Consequences Analysis

Hazard scenarios as worst case & probable scenarios are considered for the chemicals as described above. The details of the input details considered for risk modelling and outcomes in form of hazard distance & area are presented below for all chemicals under respective heading for all chemicals.

6.4.2.2.1 Ethyl Chloride

INPUT DATA

Chemical Data:

Chemical Name	ETHYL CHLORIDE	**Stored Quantity:**	600 Kg (Single Cylinder)
Molecular Weight:	64.51 g/mol	**Ambient Boiling Point:**	12.3° C
Specific Gravity:	0.9214 @ 0°C	**Ambient Flash Point:**	-50.0° C (cc)
Ambient Saturation Concentration:	1,000,000 ppm (100.0%)	**Vapor Pressure** **Vapor Density**	1010 mm Hg at 20 ° C 2.22
Flammability Limits	LEL: 38000 ppm UEL: 154000 ppm	**Toxicity Data:**	IDLH: 3800 ppm TWA_{8hr}: 1000 ppm

Atmospheric Data:
Ground Roughness: urban or forest,
Wind: 1.9 meters/second from W at 10 meters (Annual Mean) Stability Class: F
Cloud Cover: 3 tenths Air Temperature: 26.19° C Relative Humidity: 75%

OUTCOME OF SCENARIO MODELS

Jet Fire Scenario: (Leakage –Short Pipe/Valve, 1 Inch)

Heat Flux (KW/m²)	Distance (m)	Effect if IHR at Height of simulation
2.0	10	Pain within 60 Sec
5.0	13	2nd Degree Burn within 60 Sec
10.0	23	Potentially Lethal within 60 Sec

Max. Burn Rate: 209 kg/min, Burn Duration: 3 Min, Max. Flame Length: 12 Mt., Total Amount Burned: 600 Kg

Fireball (BLEVE) Scenario: (Leakage –Short Pipe/Valve, 1 Inch)

Heat Flux (KW/m²)	Distance (m)	Effect if IHR at Height of simulation
2.0	166	Pain within 60 Sec
5.0	105	2nd Degree Burn within 60 Sec
10.0	73	Potentially Lethal within 60 Sec

Internal temp. at failure: 79.2, Mass in Fireball: 99.9%, Fireball Diameter: 49 mt., Fireball Duration: 4 Second, Pool Diameter: 0 Mt. Pool Burn Duration: ~1 Min., Flame Length: 1 mt.

Toxic Dispersion: (Total Failure, 600 Kg Instantaneous Leakage)

Toxicity Limit	Distance (m)	Effect if IHR at Height of simulation
IDLH:3800 ppm	139	Immediately Dangerous to Life & Health
TWA_{8hr}:1000 ppm	249	OSHA Standard: Permissible Exposure Limit

Release Duration: 1 Min, Release rate: 10 Kg/sec, Total amount Released: 600 Kg.

Vapor Cloud Explosion* (Total Failure, 600 Kg Instantaneous Leakage)

Over Pressure (psi)	Distance (m)	Effects
1.0	50	Window glass shatters, light injuries from fragments occur.
3.0	57	Residential structures collapse. Serious injuries are common, fatalities may occur.
5.0	50	Most buildings collapse. Injuries are universal, fatalities are widespread.

Area is congested, Release Duration: 1 Min, Release rate: 10 Kg/sec, Total amount Released: 600 Kg., Mass in Explosion:100%

(Note: "Reference for Effects - Lees' Loss Prevention Guide)

Figure 6.1(a): Scenario - Jet Fire for Ethyl Chloride storage area.

THREAT ZONE:
- Red : 10 meters --- (10.0 kW/(sq m) = potentially lethal within 60 sec)
- Orange: 13 meters --- (5.0 kW/(sq m) = 2nd degree burns within 60 sec)
- Yellow: 23 meters --- (2.0 kW/(sq m) = pain within 60 sec)

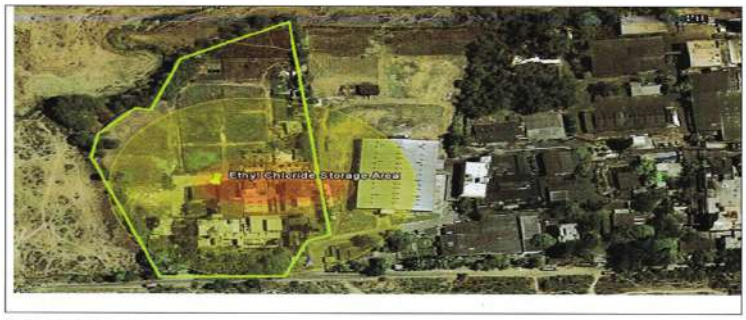
Figure 6.1(b): Scenario - Fireball for Ethyl Chloride storage area.

THREAT ZONE:
- Red : 73 meters --- (10.0 kW/(sq m) = potentially lethal within 60 sec)
- Orange: 105 meters --- (5.0 kW/(sq m) = 2nd degree burns within 60 sec)
- Yellow: 166 meters --- (2.0 kW/(sq m) = pain within 60 sec)

Figure 6.1(c): Scenario - Toxic Vapour Dispersion for Ethyl Chloride storage area.

THREAT ZONE:
- Red : 99 meters --- (3800 ppm = PAC-3)
- Orange: 206 meters --- (1000 ppm)

Figure 6.1(d): Scenario – Unconfined Vapour Cloud Explosion for Ethyl Chloride storage area.



THREAT ZONE:
Red : 74 meters --- (5 psi)
Orange: 78 meters --- (3 psi)
Yellow: 112 meters --- (1.0 psi = shatters glass)

x.	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	We have done CSR activities and all relevant measures for improving socio economic conditions of the surrounding area. We are contributing regularly towards ESC for the last many years. We have ear marked Rs.75 lakhs @ 5% of total project cost. Out this we have made contributions of Rs.32.648 lakhs so far. Balance contributions shall be made in next 3 to 4 years. Copy of Year wise details of contributions are enclosed as **Annexure - 8** Some receipts of contributions are also enclosed. Year Amount of Contribution in Rs. lacs 2015-16 13.74 2016-17 00.455 2017-18 2.57 2018-19 5.673 2019- 20 10.21 (Up to Sep 2019) Total 32.648

Details of CSR

ASHA CELLULOSE (INDIA) PVT LTD

ASHA HOUSE, PLOT NO.808/C
DR.B.A.ROAD, DADAR T.T.
MUMBAI - 40014
TEL : (022) 40641400, FAX : (022) 4137190

WORKS : NEAR WATER WORKS,ABRAMA,
DIST. : VALSAD - 396001 , TEL : (02632) 57919

DONATION A/C

01-04-2015 To 31-03-2017

Date	Vouc. No.	Name	Bill No	Bill No	Debit	Credit	Balance
		DONATION A/C					
17-04-2015	Pmt:96	BANK OF BARODA VALSAD BEING AMOUNT PAID TO SHREE CHDRAMOLESHWER MAHDEV			25,000.00		25,000.00Dr
26-05-2015	Pmt:449	BANK OF BARODA, MATUNGA - MUMBAI SHRI BRIHAD BHARATIYA SAMAJ DONATION PAID TO SHRI BRIHAD BHARATIYA SAMAJ			5,00,000.00		5,25,000.00Dr
14-08-2015	Pmt:1174	ASHA NAGAR SARVAJANIK GANESHOTSAV MANDAL DONATION PAID			15,000.00		5,40,000.00Dr
26-08-2015	Cpm:794	CASH - VALSAD BEING AMOUNT PAID TO B.J.P. FOR DINDAYAL BIRTH DAY CELBRATION AS PER ATTACHMENT			5,000.00		5,45,000.00Dr
09-09-2015	Cpm:894	BEING AMOUNT PAID ABRAMA TAPAWAD YOUK MANDAL AS PER ATTACHMENT			1,000.00		5,46,000.00Dr
14-09-2015	Cpm:911	CASH - VALSAD BEING AMOUNT PAID TO SARVAJANIK GANDES UTSHAV ABRAMA			3,000.00		5,49,000.00Dr
16-09-2015	Cpm:925	BEING AMOUNT PAID TO SHEE GANESH YOUVAK MANDAL AS PER ATTACHMENT			500.00		5,49,500.00Dr
06-10-2015	Pmt:1607	BANK OF BARODA, MATUNGA - MUMBAI PATEL SOCIAL GROUP DONATION PAID.			5,00,000.00		10,49,500.00Dr
12-10-2015	Pmt:1682	BANK OF BARODA VALSAD VASHANAVI KALAYAN TRUST			2,500.00		10,52,000.00Dr
18-01-2016	Pmt:2424	KALAYATAN DONATION TO KALAYATAN			11,000.00		10,63,000.00Dr
07-03-2016	Cpm:1627	CASH - VALSAD BEING AMOUNT PAID DONATION TO SHREE CHANDRAMOLESHWER TRUST AS PER ATTACHMENT			11,000.00		10,74,000.00Dr
10-03-2016	Pmt:2505	BANK OF BARODA, MATUNGA - MUMBAI SAMAST PATIDAR AAROGYA TRUST DONATION PAID TO SAMAST PATIDAR AAROGYA TRUST			3,00,000.00		13,74,000.00Dr
31-03-2016	Jrn:183	Profit/Loss A/C				13,74,000.00	
21-04-2016	Cpm:16-17/010	CASH - MUMBAI DONATION PAID. RECEIPT ATTACHED DONATION PAID. RECEIPT ATTACHED			501.00		501.00Dr
21-06-2016	Cpm:16-17/034	CASH - VALSAD BEING AMOUNT PAID TO B.J.P. FOR DINDAYAL BIRTH DAY CELBRATION AS PER ATTACHMENT			5,000.00		5,501.00Dr
02-09-2016	Cpm:16-17/07-	SARVAJANIK GANESH UTSHAV ABRAMA			3,000.00		8,501.00Dr

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DIST. : VALSAD - 396001 , TEL : (02632) 57919

DONATION A/C

01-04-2015 To 31-03-2017

Date	Vouc. No.	Name	Bill No	Bill No	Debit	Credit	Balance
03-09-2016	Cpm:16-17/071	CASH - VALSAD BEING AMOUNT PAID SHREE GANESH YOOVA MINTRA MANDAL AS PER ATTACHMENT.			500.00		9,001.00Dr
		Opening Balance			9,001.00		9,001.00Dr
03-09-2016	Cpm:16-17/071	CASH - VALSAD BEING AMOUNT PAID ABRAMA TAPAWAD YOOVAK MANDAL AS PER ATTACHMENT.			1,000.00		10,001.00Dr
17-10-2016	Pmt:16-17/165	BANK OF BARODA VALSAD RIGHTSAVERS			10,500.00		20,501.00Dr
31-12-2016	Pmt:16-17/214	KALAYATAN DONATION TO KALAVATAN			25,000.00		45,501.00Dr
31-03-2017	Jrn:16-17/188	Profit/Loss A/C				45,501.00	
		Total (Rupees)			**14,19,501.00**	**14,19,501.00**	

ASHA CELLULOSE (INDIA) PVT LTD

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DIST. : VALSAD - 396001 , TEL : (02632) 57919

DONATION A/C

01-04-2017 To 30-06-2017

Date	Vouc. No.	Name	Bill No	Bill No	Debit	Credit	Balance
		DONATION A/C					
05-05-2017	Pmt:17-18/0215	BANK OF BARODA VALSAD SHREE VALSAD TALUKA PATEL SAMAJ PRAGATI MANDAL			11,000.00		11,000.00Dr
16-05-2017	Pmt:17-18/0296	PROGRESSIVE FOUNDATION OF HUMAN RIGHTS			35,000.00		46,000.00Dr
		Total (Rupees)			**46,000.00**		**46,000.00Dr**

ASHA CELLULOSE (INDIA) PVT LTD
WORKS : NEAR WATER WORKS,ABRAMA,
DIST. : VALSAD - 396001 , TEL : (02632) 57919 9687610411 / 9687617011
GST NO. 24AACCA3502G1ZD

REGD. OFFICE : ASHA HOUSE, PLOT NO.808/C
DR.B.A.ROAD, DADAR T.T.
MUMBAI - 40014
TEL : (022) 40641400, FAX : (022) 4137190

DONATION A/C

01-07-2017 To 31-03-2018

Vouc. No.	Date	Name	BILL NO.	Bill No	Debit	Credit	Balance
			DONATION A/C				
		Opening Balance			46,000.00		46,000.00Dr
Cpm:GST/17-18/0156	19-08-2017	CASH - VALSAD BEING AMOUNT PAID TO SARVAJANIK GANESH UTSHAV ABRAMA	Cpm:GST/17-18/0156		3,000.00		49,000.00Dr
Pmt:GST/17-18/0266	23-08-2017	BANK OF BARODA, MATUNGA - MUMBAI BERGER PAINTS EMPLOYEES PUJA COMMITTEE	Pmt:GST/17-18/0266		4,000.00		53,000.00Dr
Cpm:GST/17-18/0805	16-12-2017	CASH - MUMBAI AMOUNT PAID FOR EXPS AS PER MEMO ATTACHED	Cpm:GST/17-18/0805		1,000.00		54,000.00Dr
Pmt:GST/17-18/1269	19-12-2017	BANK OF BARODA, MATUNGA - MUMBAI SAMAST PATIDAR AAROGYA TRUST	Pmt:GST/17-18/1269		2,00,000.00		2,54,000.00Dr
Pmt:GST/17-18/1962	14-03-2018	BANK OF BARODA VALSAD PRAKASH K. MODI	Pmt:GST/17-18/1962		3,000.00		2,57,000.00Dr
Jrn:GST/17-18/0129	31-03-2018	Profit/Loss A/C	Jrn:GST/17-18/0129			2,57,000.00	
		Total (Rupees)			**2,57,000.00**	**2,57,000.00**	

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DIST. : VALSAD - 396001 , TEL : (02632) 57919 9687610411 / 9687617011
GST NO. 24AACCA3502G1ZD

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TEL : (022) 40641400, FAX : (022) 4137190

DONATION A/C

01-10-2018 To 31-03-2019

Vouc. No.	Date	Name	BILL NO.	Bill No	Debit	Credit	Balance
			DONATION A/C				
		Opening Balance			31,000.00		31,000.00Dr
Cpm:2018-19/1072	26-11-2018	CASH - MUMBAI	Cpm:2018-19/1072		300.00		31,300.00Dr
Pmt:2018-19/2181	02-01-2019	BANK OF BARODA VALSAD KALAYATAN	Pmt:2018-19/2181		25,000.00		56,300.00Dr
Pmt:2018-19/2523	06-02-2019	BANK OF BARODA, MATUNGA - MUMBAI SHREE PRABHAV HEM KAMDHENU GIRIVIHAR TRUST	Pmt:2018-19/2523		5,00,000.00		5,56,300.00Dr
Pmt:2018-19/2763	11-03-2019	BANK OF BARODA VALSAD SHREE VALSAD TALUKA PATEL SAMAJ PRAGATI MANDAL	Pmt:2018-19/2763		11,000.00		5,67,300.00Dr
		Total (Rupees)			**5,67,300.00**		**5,67,300.00Dr**

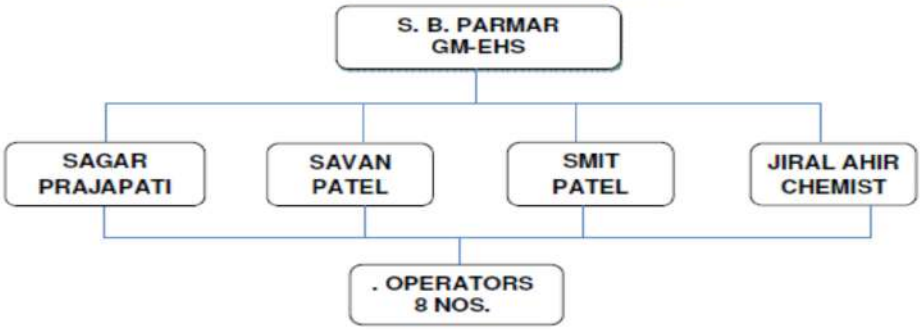
xi	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	We have done CSR activities and all relevant measures for improving socio economic conditions of the surrounding area.

xii.	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring Functions.	We have developed environmental management system within the premises and full-fledge laboratory for the analysis of waste water sample like pH, COD, BOD, TDS, NH3-N etc. Ambient Air monitoring, process gas, flue gas, fugitive and voc monitoring. We have contracted with NABL approved laboratory on monthly basis. We have permanently appointed two chemical engineer and four chemists for the operation of environmental management system and testing of various parameters of the waste water. Organogram of Environmental Management Cell is enclosed herewith. Enclosed the current EMC with designation and name of the persons with qualification.

ASHA CELLULOSE

ASHA CELLULOSE (I) PVT. LTD.

ORGANIZATION CHART OF EMC



Educational qualification & experience details:

Sr. No.	Name of Employees	Qualification	Experience
1.	Mr. Suresh B. Parmar	Diploma Chemical & PDIS	40 Years
2.	Mr. Sarar Prajapati	B. E. Chemical	3 Years
3.	Mr. Savan Patel	B. E. Chemical	5 Years
4.	Mr. Smit Patel	B.Sc (Chemistry)	4 years
5.	Mr. Jiral Ahir	B.Sc (Chemistry)	2 Years
6.	Operators	SSC	More than 10 Years

		Details of ETP laboratory apparatus with photographs enclosed herewith.

ASHA CELLULOSE INDIA PVT. LTD.

Analysis Method For Chemical Oxygen Demand (COD)

Effective Date: March 2017

1.0 OBJECTIVE

1.1 To define the procedure for determination of Chemical Oxygen Demand (COD).

2.0 SCOPE

2.1 This procedure is applicable for samples analyzed at Effluent Treatment Plant.

3.0 RESPONSIBILITY

3.1 ETP Laboratory Chemist

4.0 PROCEDURE

4.1 APPARATUS

Reflux apparatus, consisting of 250 ml Erlenmeyer flasks with ground glass 24 / 40 neck and condensers with 24/40 ground glass joint and a hot plate / heating mantels having sufficient power.

4.2 Preparation of Reagents.

4.2.1 **Standard Potassium Dichromate 0.0417 M**

Dissolve 12.259 gm $K_2Cr_2O_7$(Potassium dichromate) previously dried at 103° C for 24 hr., in distilled water and dilute to 1000 ml.

4.2.2 **Sulfuric Acid Reagent**

Add Ag_2SO_4 to conc. H_2SO_4(Sulphuric acid) at the proportion of 5.5 gm Ag_2SO_4(Silver sulphate) / kg. H_2SO_4. Keep it for 24 h to dissolve Ag_2SO_4 and then use it for analysis.

4.2.3 Standard Ferrous Ammonium Sulphate (FAS), 0.25 M

Dissolve 98 gm $Fe(NH_4)_2(SO_4)_2$. $6H_2O$(Ferrous Ammonium Sulphate) in a about 400 ml distilled water. Add 20 ml conc. H_2SO_4 cool and dilute to 1000 ml with distilled water in round bottom flask of 1000 ml capacity.

Note : For standardization of FAS prepare Potassium Hydrogen Phthalate solution.

[KHP ⇒ 425 mg diluted to 1000 ml]

4.2.4 **Ferroin Indicator**

Dissolve 1.485 gm 1, 10-Phenanthroline monohydrate and 695 mg $FeSO_4$. $7H_2O$ and dilute 100 mL with distilled water in volumetric flask of 100 ml capacity.

4.2.5 Mercuric Sulphate, $HgSO_4$, Crystals or Powder,

4.3 Method

4.3.1 Place 0.4 gm $HgSO_4$ in a reflux flask.

4.3.2 Add 20 ml sample or an aliquot of sample diluted to 20 ml with distilled water. Mix well.

4.3.3 Add 10 ml standard $K_2Cr_2O_7$.

Prepared by: Smit Patel ETP Chemist	Reviewed by: Sanjay Patel QC Head	Authorized by: Mr.S.B.Parmar GM - EHS

ASHA CELLULOSE INDIA PVT. LTD.

Analysis Method For Chemical Oxygen Demand (COD)

Effective Date: March 2017

4.3.4 Add slowly 30 ml conc. H_2SO_4 containing Ag_2SO_4.

4.3.5 Mix well, if the colour turns green. Either take fresh sample with lesser aliquot or add more dichromate and acid.

4.3.6 Connect the flask to condenser. Mix the contents before heating, improper mixing will result in bumping and sample may blow out.

4.3.7 Reflux for a minimum of 2 hrs. cool and then wash out the condenser with distilled water.

4.3.8 Dilute for a minimum of 140 mL Cool and titrate excess $K_2Cr_2O_7$ with 0.25 M Ferrous Ammonium Sulphate, using ferroin indicator. Sharp colour change from blue green to wine red indicates end point.

4.3.9 Reflux blank in the same manner using distilled water instead of sample.

Calculation

$$\text{COD mg/L} = \frac{(a-b) \times M \times 8000 \times \text{Dilution Factor.}}{\text{mL of sample}}$$

a = mL of F.A.S. for blank.
b = mL of F.A.S. for sample.
c = Molarity of F.A.S.

Sampling Points

Final disposal tank. If required intermittent samples i.e., after equalization basin, primary treatment, secondary treatment checked for COD.

- **FREQUENCY**

  Daily

- **PRECAUTIONS** :

  Use hand gloves, safety goggle while handling acid / alkali.

Prepared by: Smit Patel ETP Chemist	Reviewed by: Sanjay Patel QC Head	Authorized by: Mr.S.B.Parmar GM - EHS

Asha Cellulose India Pvt. Ltd.

Analysis Method For Dissolved Oxygen (DO)

Effective Date: March 2017

1.0 OBJECTIVE

1.1 To define the procedure for determination of Dissolved Oxygen (D.O).

2.0 SCOPE

2.1 This procedure is applicable for samples analysed at Effluent Treatment Plant.

3.0 RESPONSIBILITY

3.1 ETP Supervisor.

4.0 PROCEDURE

4.1 Preparation of Reagents.

4.1.1 **Manganese Sulphate**

Dissolve 480 gm of $MnSO_4$. $4H_2O$ or 400 gm $MnSO_4$. $2H_2O$ or 364 gm $MnSO_4$. H2O and dilute to 1000 ml. Filter, if necessary. This solution should not give colour with starch when added to an acidified solution of KI.

4.1.2 **Alkali Iodide (Azide Reagent)**

Dissolve 500 gm NaOH and 135 gm NaI, dilute to 1000 ml. Add 10 gm NaN_3 dissolved in 40 ml distilled water. This solution should not give colour with starch when diluted and acidified.

4.1.3 **Sulphuric Acid**

1.0 ml conc. H_2SO_4 is equivalent to about 3 ml alkali-iodide azide reagent.

4.1.4 **Starch Indicator**

Prepare paste or solution of 2.0 gm L.R grade soluble starch powder and 0.2 gm Salicylic acid as preservative in distilled water.

4.1.5 **Standard Sodium Thiosulphate Titrant (0.025N)**

Dissolve 6.205 gm $Na_2S_2O_3.5H_2O$ in boiled distilled water. Add 1.5 ml of 6 N NaOH or 0.4 gm solid NaOH and dilute to 1000 ml. Standardize with standard potassium bi-iodate solution.

4.1.6 **Standard Potassium Bi-Iodate Solution (0.0021)**

Dissolve 812.4 mg $KH(IO_3)_2$ in distilled water and dilute to 1000 ml.

4.2 Method for determining of DO

4.2.1 Collect 300 ml sample in a BOD bottle taking special care to avoid adding air to the liquid being collected. Fill bottle completely and add stopper

Prepared by: Smit Patel ETP Chemist	Reviewed by: Sanjay Patel QC Head	Authorized by: S.B.Parmar GM - EHS

Asha Cellulose India Pvt. Ltd.

Analysis Method For Dissolved Oxygen (DO)

Effective Date: March 2017

4.2.2 Add 2 ml $MnSO_4$, followed by 2 ml alkali-iodide-azide reagent at the surface of the liquid. The tip of the pipette should be below the liquid level while adding these reagents. Stopper carefully to exclude air bubbles.

4.2.3 Mix well by inverting bottle 2-3 times. Allow precipitating & settling down the Manganese hydroxide flakes to leave clear super mate.

4.2.4 At this stage 2 ml conc. H_2SO_4 mix well till precipitate goes in to solution.

4.2.5 Take 200 ml in a conical flask and titrate against 0.025 N $Na_2S_2O_3$ solutions to a pale straw colour. Add a few drops of starch solution and continue titration to disappearance of blue colour. (When 2 ml $MnSO_4$ followed by 2 ml alkali-iodide-azide reagent is added to the sample as in step 2 about 4 ml of original sample is lost. This 203 ml taken for titration will correspond to 200 ml of original samples.

Calculation

For Titration of 200 ml Sample.
1ml of 0.025 N $Na_2S_2O_3$ = 1.0 mg of D.O./L
D.O. (mg/L) =

Sampling Points

Final disposal tank. If required intermittent samples i.e., after equalization basin, primary treatment, secondary treatment checked for COD.

- **FREQUENCY**

  Daily

- **PRECAUTIONS** :

  - Use hand gloves, safety goggle while handling acid / alkali.

Prepared by: Smit Patel ETP Chemist	Reviewed by: Sanjay Patel QC Head	Authorized by: S.B.Parmar GM - EHS

	Asha Cellulose India Pvt. Ltd. **Analysis Method For Mixed Liquor Suspended Solids (MLSS)** **Effective Date: March 2017** **1.0 OBJECTIVE** 1.1 To define the procedure for determination of Mixed Liquor Suspended Solids. (MLSS). **2.0 SCOPE** 2.1 This procedure is applicable for samples analysed at Effluent Treatment Plant. **3.0 RESPONSIBILITY** 3.1 ETP Supervisor **4.0 PROCEDURE** **4.1 APPARATUS** a. Oven b. Analytical Balance c. Watman - 41 **4.2 Preparation of Reagents.** 4.2.1 Take initial weight of the watman filter paper No. 41. 4.2.2 Take 100 ml activated sludge samples and filter through watman filter paper No. 41 4.2.3 After complete filtration keep the filter paper in oven to dryness at 105°C. 4.2.4 Remove the filter paper from oven and keep in desicator to cool to normal temperature and take the final weight of the filter paper. **4.3 Calculations** $MLSS\ (mg/L) = \frac{(A-B) \times 10^6}{\text{Volume of sample}}$ A = Final Wt. of filter paper in gms. B = Initial Wt. of filter paper in gms. **Sampling Points** Final disposal tank. If required intermittent samples i.e., after equalization basin, primary treatment, secondary treatment checked for COD. • **FREQUENCY** Weekly Prepared by: Smit Patel, ETP Chemist; Reviewed by: Sanjay Patel, QC Head; Authorized by: S.B.Parmar, GM- EHS	**Asha Cellulose India Pvt. Ltd.** **Analysis Method For Mixed Liquor Volatile Suspended Solids (MLVSS)** **Effective Date: March 2017** **1.0 OBJECTIVE** 1.1 To define the procedure for determination of Mixed Liquor Volatile Suspended Solids. (MLVSS). **2.0 SCOPE** 2.1 This procedure is applicable for samples analyzed at Effluent Treatment Plant. **3.0 RESPONSIBILITY** 3.1 ETP Supervisor **4.0 PROCEDURE** **4.1 APPARATUS** a. Silica crucible b. Muffle furnace c. Analytical balance **4.2 Method** 4.2.1 Take the initial Wt. of crucible. 4.2.2 Place the previously dried filter paper containing MLSS in crucible and keep the crucible in Muffle Furnace at temperature 550°C. 4.2.3 Burn the filter paper to ash and remove the crucible, keep the crucible in desicator to cool to the normal temperature and take the final weight. **4.3 Calculations** $Ash\ contents\ (mg/L) = \frac{(A-B) \times 10^6}{\text{Volume of sample}}$ A = Final Wt. of crucible in gms. B = Initial Wt. of crucible in gms. MLVSS (g/L) = MLSS–Ash content. **Sampling Points** Final disposal tank. If required intermittent samples i.e., after equalization basin, primary treatment, secondary treatment checked for COD. • **FREQUENCY** Daily Prepared by: Smit Patel, ETP Chemist; Reviewed by: Sanjay Patel, QC Head; Authorized by: S.B.Parmar, GM-EHS
xiii	The company shall earmark sufficient funds toward capital cost/annum to implemental the conditions stipulated by the Ministry Of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for and other purpose.	We have secured funds (i.e Rs. 210 lakhs) for the recurring and none recurring to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government along ·with the implementation schedule for all the conditions. We ensure that the said fund is already Utilized for the development of environmental management system as mentioned in the data sheet. The funds provided for EMS is not diverted for any other purposes. In view of the information furnished by the PP, the stipulated condition is considered complied subject to submission of CAPEX incurred till date and recurring expenditure incurred over the years with sub-head wise break-up details. We have allocated adequate amount of

		founds towards capital and recurring cost. Details of capital expenses and recurring expenses are enclosed herewith. We have not diverted any allocated fund.

ETP OPERATION COST

Figures in Rupees

PARTICULERS	16-17	17-18	18-19
PRODUCTION	**188441**	**297202**	**306267**
RO Plant operation & maintenance	1067432	1067432	1116164
Expenses - ROCHEM			
SALARY	2185489	1969910	1908740
ETP Sludge Disposal Expenses	23916	59154	40672
Salt Disposal Expenses	892742	1207166	829007
HW transport expenses	432650	487316	665472
(FORAM TRANSPORT)			
Electricity Expenses	2223492	2262059	2316141
Unit Cost of Steam Rs./Kg	2.4	2.6	3.5
Steam consumed in MEE Plant	659	1045	1063
Steam expenses for MEE Plant	1581600	2717000	3720500
ETP Chemical Expenses	160489	175609	193547
Total	**8568471**	**9946694**	**10718009**

xiv	A Copy of the Clearance letter shall be sent by the project proponent to Concerned Panchayat, Zila Parisad/Municipal Corporation Urban local Body and the local NGO, if any from Whom suggestions / Representations if any were received while processing the proposal.	We have already sent clearance letter to concerned Panchayat, Zilla Parishad / Municipal Corporation Urban local Body and the local NGO. The documentary proof was lost during flood in the month of August 2015. Photographs of flood during the year is enclosed herewith.

વલસાડ-ડાંગમાં આભ ફાટ્યું : સર્વત્ર જળબંબાકાર, ૭નાં મોત

ઓરસંગ નદીમાં ગાતાજીના જવારા પધરાવવા આવેલા બે યુવાનો તણાયા

મોદીની હત્યાનું કાવતરું રચનાર અબુ જુંદાલ સહિત ૭ને આજીવન કારાવાસ

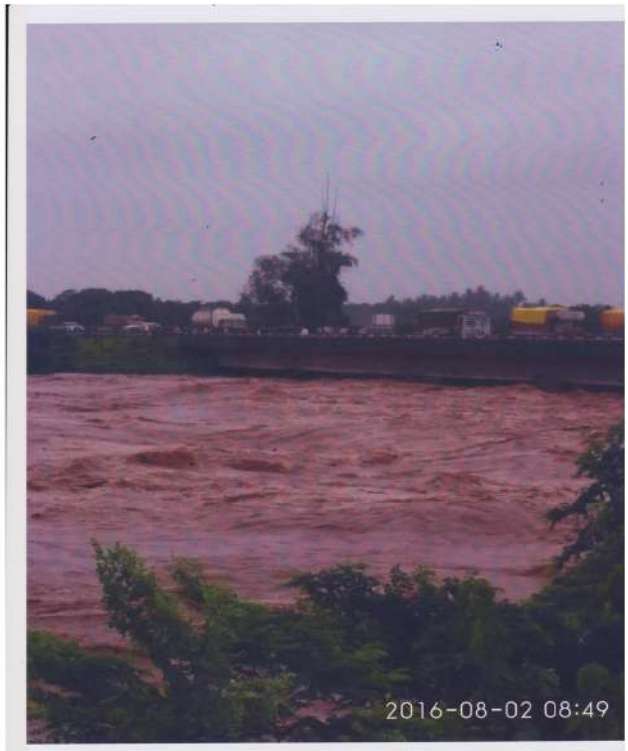
૫. બંગાળ ટૂંક સમયમાં બાંગ્લા અથવા બોન્ગા તરીકે ઓળખાશે

SANDESH SURAT WEDNESDAY, 03-08-2016

વલસાડમાં વરસાદની ઝંઝાવાતી ઈનિંગ

SANDESH SURAT WEDNESDAY, 03-08-2016

વલસાડમાં વરસાદની ઝંઝાવાતી ઈનિંગ



xv	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including result of monitored data (both in hard copies as well by e-mail) to the respective Regional office of MoEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six Monthly Compliance status report shall be posted on the website of the company.	We are submitting herewith our 2nd six monthly EC compliance report and we assure you that now onwards we will submit regularly six monthly compliance report to the Regional office of MoEF, Bhopal. We will upload six monthly compliance reports on our web site. We are now regularly updating our website. EC compliance reports up to March 2019 were uploaded.
xvi	The environmental statement for each financial year ending 31th March in form –V as is mandated shall be submitted to the concerned state pollution control Board as prescribed under the environment (protection) Rules 1986 as amended subsequently shall also be put on the website of the company along company along with status of compliance environmental clearance conditions and shall also be sent to the respective Regional Office of MoEF by e-mail.	We have enclosed copy of Form 'V' for the year 2017 -18 and 2018-19 for your reference.
	Environmental statement	

ENVIRONMENTAL STATEMENT
FORM - V
(SEE RULE 14)

From: M/s. Asha Cellulose (I) Pvt.Ltd.
Survey No. 303/3, & 302/P, Near water Works, Village: Abrama
Dist.: Valsad

To: Gujarat Pollution Control Board,
Sector – 10 A,
Gandhinagar - 382 043.

ENVIRONMENTAL STATEMENT for the financial year ending on the 31st. March, 2018

PART - A

(i)	Name & Address of the owner/occupier of the Industry operation or process	Name: Mr. K. Srinivas Address: M/s. Asha Cellulose (I) Pvt.Ltd. Survey No. 303/3, & 302/P, Near water Works, Village Abrama Dist: Valsad (Guiarat).	
(ii)	Industry category: Primary - (STC Code) Secondary - (STC Code)	Small Scale Industry	
(iii)	Production Capacity - Units MT/Month	Ethyl Cellulose (Aqua Process)	26 MT
		Ethyl Cellulose (Solvent Process) –	31.72 MT
		Ethyl cellulose Aqueous Dispersion-Non Plasticized	20.124
		Ethyl cellulose Aqueous Dispersion- Plasticized	24.7 MT
(iv)	Year of establishment	1999	
(v)	Date of the last environmental statement submitted	03-05-2017	

* submission of environmental statement is in accordance with the provisions of rule-14 of the Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published wide notification dated 22.4.1993 G.S.R.386(E) in the Gazette of India – Extraordinary-Part-II section-3 subsection (i) no 155 dated 28.4.1993 dated 28-4-1993 by the Ministry of Environment and Forests, Government of India; read with the Notification dated 13-2-1993 F.S.R. 329(E) of the Gazette of India – Extraordinary Part-II Section-3 (i) No. 120 dated 13-3-1993.

"Every person carrying on an industry, operation or process requiring Consent under Section -25 of the Water (Prevention & Control of pollution) Act, 1974 (6of 1974) or under Section-21 of the Air(Prevention & Control of pollution) Act,1981 (14 of 1981) or both or authorization under the Hazardous Waste (Management & Handling) Rule ,1989 Published under the Environment (Protection) Act,1986 (29 of 1986) shall submit an Environmental Statement for the financial year ending the 31st March in Form –V to the concerned State Pollution Control Board on or before the thirtieth day of September every year, beginning 1993."

PART - B

Water and Raw Material Consumption

(I) **Water Consumption M^3/Day - 20**

Domestic : 0.71 M^3/Day
Industrial Process : 15.1 M^3/Day
Boiler & Cooling : 3.8 M^3/Day

Name of product	Process water consumption per unit of product output	
	During the previous financial year. KL/T (1)	During the current Financial year. KL/T (2)
Ethyl Cellulose	24.36	24.7

(II) **Raw Material Consumption:**

Name of Raw Materials	Name of product	Consumption of raw material per unit of output Kgs/Kgs	
		During the previous financial year 2016-2017	During the current financial year 2017-2018
Wood Pulp	Ethyl Cellulose	0.82	0.84
Sodium Hydroside		3.53	3.31
Ethyl Chloride		3.36	3.25

- Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

PART – C

Pollution Discharged to environment / unit of output.
(Parameter as specified in the consent issued)

Pollutants	Qty. Of pollutants discharged (Mass / Day)	Concentration of Pollutants in discharges (Mass / Volume)	Percentage of various from prescribed standards with reason
(a) Water	COD: 1.488 Kgs/day	COD: 62 mg/l	Within GPCB Norms
	BOD: 0.432 Kgs/day	BOD: 18 mg/l	Within GPCB Norms
	SS: 0.82 Kgs/day	SS: 34 mg/l	Within GPCB Norms
(b) Air	PM: 0.9225 Kgs/day	PM: 12.61 mg/Nm^3	Within GPCB Norms
	SO_2: 07944 Kgs/day	SO_2: 17.786 mg/Nm^3	Within GPCB Norms
	NOx: 0.781 Kgs/day	NOx: 17.9893 mg/Nm^3	Within GPCB Norms

PART - D

As specified under Hazardous Wastes / Management and Handling Rules, 2016

Hazardous Waste	Total Quantity	
	During the previous financial year 2016-2017	During the current financial year 2017-2018
(a) From Process + MEE – Salt (MT)	364.575	523.445
(b) ETP Sludge (MT)	10.47	20.36
(c) Used Oil (Sold to registered recycler) - L	Nil	0.124
(c) Discarded Containers (MT) (Sold to Authorized recyclers)	1.364	3.511
(d) Dust from air Filter recycled in process (Kgs)	35.12	52
(e) Recovered Solvent recycled in the process (MT)	146.827	108.542
Sold (MT)	6.005	93.548

PART -E

SOLID WASTE

	Total Quantity	
	During the previous Financial year	During the current Financial year
(a) From process	-	-
(b) From pollution control facility	-	-
(d) Quantity recycle or re-utilized within the unit	-	-

PART - F

Please specify the characterization (In terms of composition and quantum) of hazardous as well as solid and indicate disposal practice adopted for both these categories of wastes.

Physical form with Description	Cat.	Chemical Form	Disposal Method
ETP Sludge - Solids	34.3	Bio Mass and salt	Disposed to TSDF
MEE Waste		Neutralization Salt	Disposed to TSDF
Used Oil - Liquid	5.1	Oil	Sold to Authorized recycler
Discarded Container	33.3	Poly-Liner, HDPE, Plastic	Sold to Authorized recycler
Recovered Solvent – Liquid	20.2	Ethyl Chloride, Toluene, Ether, Ethanol mix	Sold to approved recycler
Process waste Salt - Solids	26.1	Neutralization Salt	Disposed to TSDF

PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

Water: Industrial Effluent is treated in ETP having primary Treatment, Secondary treatment and Tertiary Treatment. The treated wastewater from ETP finally made reusable in RO Unit.
RO Reject fed to MEE for separation of solids. RO treated water is reused in the plant. MEE condensate water utilized in cooling tower and solids separated from MEE, as a salt, disposed to TSDF

Air: (a) Adequate height of chimney provided to steam boiler
(b) Natural Gas used as fuel in Boiler and Hot Air generator
(c) Dust collector installed at Dryer

Solid: Hazardous waste stored in secured storage area & disposed to TSDF

PART - H

Additional measures / investment proposals for environmental protection including abatement of prevention of pollution.

NIL

PART - I

Any other particulars for improving the quality of the environment:

NIL

Date: 08.05.2018

(Signature of a person carrying out an Industry, Operation Or Process)
Name: K. Srinivas
Designation: Director
Address: M/S Asha Cellulose (I) Pvt. Ltd, Near Water Works, Abrama-Valsad

ENVIRONMENTAL STATEMENT
FORM - V
(SEE RULE 14)

From: M/s. Asha Cellulose (I) Pvt.Ltd.
Survey No. 303/3, & 302/P, Near water Works, Village: Abrama
Dist.: Valsad

To: Gujarat Pollution Control Board,
Sector – 10 A,
Gandhinagar - 382 043.

ENVIRONMENTAL STATEMENT for the financial year ending on the 31st. March, 2019

PART - A

(i)	Name & Address of the owner/occupier of the Industry operation or process	Name: Mr. K. Srinivas Address: M/s. Asha Cellulose (I) Pvt.Ltd. Survey No. 303/3, & 302/P, Near water Works, Village Abrama Dist: Valsad (Gujarat).	
(ii)	Industry category: Primary - (STC Code) Secondary - (STC Code)	MSME	
(iii)	Production Capacity – Units MT/Month	Ethyl Cellulose (Aqua Process) –	20 MT
		Ethyl Cellulose (Solvent Process) –	31.72 MT
		Ethyl cellulose Aqueous Dispersion-Non Plasticized	20.124
		Ethyl cellulose Aqueous Dispersion- Plasticized	24.7 MT
(iv)	Year of establishment	1999	
(v)	Date of the last environmental statement submitted:	08-05-2017	

* submission of environmental statement is in accordance with the provisions of rule-14 of the Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published wide notification dated 22.4.1993 G.S.R.386(E) in the Gazette of India–Extraordinary-Part-II section-3 subsection (i) no 155 dated 28.4.1993 dated 28-4-1993 by the Ministry of Environment and Forests, Government of India; read with the Notification dated 13-2-1993 F.S.R. 329(E) of the Gazette of India – Extraordinary Part-II Section-3 (i) No. 120 dated 13-3-1993.

"Every person carrying on an industry, operation or process requiring Consent under Section -25 of the Water (Prevention & Control of pollution) Act, 1974 (6uf 1974) or under Sections-21 of the Air(Prevention & Control of pollution) Act,1981 (14 of 1981) or both or authorization under the Hazardous Waste (Management & Handling) Rule ,1989 Published under the Environment (Protection) Act,1986 (29 of 1986) shall submit an Environmental Statement for the financial year ending the 31st March in Form –V to the concerned State Pollution Control Board on or before the thirtieth day of September every year, beginning 1993."

PART - B

Water and Raw Material Consumption

(I) **Water Consumption M^3/Day - 24**

Domestic : 1.0 M^3/Day
Industrial Process : 18.0 M^3/Day
Boiler & Cooling : 5.0 M^3/Day

Name of product	Process water consumption per unit of product output	
	During the previous financial year. KL/T (1)	During the current Financial year. KL/T (2)
Ethyl Cellulose and Ethylcellulose Aqueous Dispersion – Non-Plasticized	24.7	24.62

(II) **Raw Material Consumption:**

Name of Raw Materials	Name of product	Consumption of raw material per unit of output Kgs/Kgs	
		During the previous financial year 2017-2018	During the current financial year 2018-2019
Wood Pulp	**Ethyl Cellulose**	0.84	0.83
Sodium Hydroxide		3.31	3.12
Ethyl Chloride		3.25	3.10

- Industry may use codes if disclosing details of raw materiel would violate contractual obligations, otherwise all industries have to name the raw material used.

PART – C

Pollution Discharged to environment / unit of output.
(Parameter as specified in the consent issued)

Pollutants	Qty. Of pollutants discharged (Mass / Day)	Concentration of Pollutants in discharges (Mass / Volume)	Percentage of various from prescribed standards with reason
(a) Water	COD: 1.56 Kgs/day	COD: 65 mg/l	Within GPCB Norms
	BOD: 0.456 Kgs/day	BOD: 19 mg/l	Within GPCB Norms
	SS: 0.77 Kgs/day	SS: 32 mg/l	Within GPCB Norms
(b) Air	PM: 0.9225 Kgs/day	PM: 16.00 mg/Nm^3	Within GPCB Norms
	SO_2: 0.7944 Kgs/day	SO_2: 17.786 mg/Nm^3	Within GPCB Norms
	NOx: 0.783 Kgs/day	NOx: 17.9893 mg/Nm^3	Within GPCB Norms

PART - D

As specified under Hazardous Wastes / Management and Handling Rules, 2016

Hazardous Waste	Total Quantity	
	During the previous financial year 2017-2018	During the current financial year 2018-2019
(a) From Process + MEE – Salt (MT)	522.445	442.565
(b) ETP Sludge (MT)	20.56	22.415
(c) Used Oil (Sold to registered recycler) - L	0.124	Nil
(c) Discarded Containers (MT) (Sold to Authorized recyclers)	3.511	4.566
(d) Dust from air Filter recycled in process (Kgs)	52	45
(e) Recovered Solvent recycled in the process (MT)	108.542	178.653
Sold (MT)	93.548	34.125

PART -E

SOLID WASTE

	Total Quantity	
	During the previous Financial year	During the current Financial year
(a) From process	--	
(b) From pollution control facility	-	-
(d) Quantity recycle or re-utilized within the unit	-	-

PART - F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid and indicate disposal practice adopted for both these categories of wastes.

Physical form with Description	Cat.	Chemical Form	Disposal Method
ETP Sludge - Solids	34.3	Bio Mass and salt	Disposed to TSDF
MEE Waste		Neutralization Salt	Disposed to TSDF
Used Oil - Liquid	5.1	Oil	Sold to Authorized recycler
Discarded Container	33.3	Poly-Liner, HDPE, Plastic	Sold to Authorized recycler
Recovered Solvent – Liquid	20.2	Ethyl Chloride, Toluene, Ether, Ethanol mix	Sold to approved recycler
Process waste Salt - Solids	36.1	Neutralization Salt	Disposed to TSDF

PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

Water: Industrial Effluent is treated in ETP having primary Treatment, Secondary treatment and Tertiary Treatment. The treated wastewater from ETP finally made reusable in RO Unit. RO Reject fed to MEE for separation of solids. RO treated water is reused in the plant. MEE condensate water utilized in cooling tower and solids separated from MEE, as a salt, disposed to TSDF
Air: (a) Adequate height of chimney provided to steam boiler
(b) Natural Gas used as fuel in Boiler and Hot Air generator
(c) Dust collector installed at Dryer
Solid: Hazardous waste stored in secured storage area & disposed to TSDF

PART - H

Additional measures / investment proposals for environmental protection including abatement of prevention of pollution.

NIL

PART - I

Any other particulars for improving the quality of the environment:

NIL

Date: 05.06.2019

(Signature of a person carrying out an Industry, Operation Or Process)
Name: K. Srinivas
Designation: Director
Address: M/S Asha Cellulose (I) Pvt. Ltd, Near Water Works, Abrama-Valsad

xvii	The project proponent shall inform the public that the Project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/ committee and may also be seen at website of the Ministry at http:/envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.	We have already informed to the public by local news paper that we have accorded environmental clearance by the Ministry and copies of clearance letter are available with the state Pollutions Control Board and may also be seen at website of the Ministry of Environmental and Forests at website of the Ministry of Environmental and Forests at http/envfor.nic.in. We have already given advertisement in local news paper on 02/07/2015 regarding obtaining EC clearance issued by MoEF, New Delhi. Copy of the advertisement is lost during flood in August 2015. During flood our so many files and documents were lost.
xviii	The project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	We have completed the expansion project and commissioned in the November 2015 with the help of our own fund.