

# SIX MONTHLY EC COMPLAINT REPORT

FOR THE PERIOD OF

OCTOBER 2019 TO MARCH 2020

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 25<sup>th</sup> June 2015.



Date: 13/10/2020

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 25<sup>th</sup> June 2015

Respected Sir,

We are pleased to submit comprehensive six monthly EC compliance report for a period of October 2019 to March 2020 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 25<sup>th</sup> 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 October 2019 to March 2020.
- (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.

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: 25<sup>th</sup> 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](mailto:valsad@ashacel.com) / [srini@ashacel.com](mailto: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 24<sup>th</sup> December, 2012.

Sir,  
This has reference to your letter dated 24<sup>th</sup> 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 19<sup>th</sup> 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<sup>2</sup>. Out of which greenbelt will be developed in 6325 m<sup>2</sup>. 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 3<sup>rd</sup> 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<sup>2</sup>), 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 m<sup>3</sup>/day to 287.5 m<sup>3</sup>/day after expansion. Out of which, fresh water requirement from ground water source will be 52.7 m<sup>3</sup>/day and remaining/balance water requirement will be met from recycled water. Industrial effluent generation will be increased from 38 m<sup>3</sup>/day to 240.5 m<sup>3</sup>/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 15<sup>th</sup> 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 20<sup>th</sup>-21<sup>st</sup> October, 2011, 5<sup>th</sup>-7<sup>th</sup> March, 2013 and 16<sup>th</sup>-17<sup>th</sup> 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 14<sup>th</sup> September 2006, subject to the compliance of the following Specific and General Conditions:

#### **A. SPECIFIC CONDITIONS:**

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

*JS*



- 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  $PM_{10}$ ,  $PM_{2.5}$ ,  $SO_2$ ,  $NO_x$ , 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  $52.7 \text{ m}^3/\text{day}$  and prior permission should be obtained from the CGWA/SGWA.
- viii) Total effluent generation shall not exceed  $240.5 \text{ m}^3/\text{day}$ . Effluent shall be treated 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, 1989 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<sup>2</sup> 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. 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 15<sup>th</sup> 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 gullies 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 31<sup>st</sup> 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., 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, 8<sup>th</sup> 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 Parivesh Bhavan, 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



#### **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 of 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.

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
<b>By-Product</b>		
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.

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### 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 121.6 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 TFR 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 <sup>3</sup>
2.	Boiler II (800 Kgs/Hr)	15	SO <sub>2</sub>	100 ppm
3.	Boiler III (800 Kgs/Hr)		NO <sub>x</sub>	50 ppm
4.	Boiler IV (800 Kgs/Hr)			





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PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

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Website : www.gpcb.gov.in

5.	Hot air Generator (6 Lacs K Cal)			
6.	Hot air Generator (6 Lacs K Cal)			
7.	D.G. Set 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 <sup>3</sup>
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 <sup>3</sup>
1.	Sulphur Dioxide (SO <sub>2</sub> )	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO <sub>2</sub> )	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM <sub>10</sub>	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) OR PM <sub>2.5</sub>	Annual 24 Hours	40 60
5.	Carbon Monoxide (CO) mg/m <sup>3</sup>	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

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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. and 10 p.m. and night time 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: 23/06/2017.**

- 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.	100
4.	Schedule-I MEE waste	35.3 Collection, storage transportation, Disposal at TSDF VWEMCL-Vapi.	234





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Website : [www.gpcb.gov.in](http://www.gpcb.gov.in)

5.	Schedule-I Dust from air filtration system	25.2	Recycled in process	0.22
6.	Schedule-I Slut for process	25.1	Collection, storage transportation, Disposal at TSDF VWEMCL-Vep.	1703
7.	Schedule-I Mixed solvent form the process	25.4	Collection, storage, Transportation and sale to authorized industry having permission under rule-9 of Hazardous & other wastes (Management & Transboundary Movement) rule-2016.	942.52
8.	Schedule-I Distillation Residue/ & Laboratory organic waste	25.1	Collection, storage transportation, disposal to BEIL incineration facility.	23
9.	Schedule-I Spent carbon from ETP & Chimney	35.2	Collection, storage transportation, disposal to BEIL incineration facility.	4.8
10.	Schedule-I Date - Expired, Discarded and off- specification Material & floor sweeping	25.5	Collection, storage transportation, disposal to BEIL incineration facility.	1
11.	Schedule-I Spent Filter cloth & filter material	35.2	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 VWEMCL-Vapi OR BEIL incineration facility.	1
13.	Used hot & cold insulation material	X-X02	Collection, storage transportation, Disposal at TSDF VWEMCL-Vapi OR BEIL incineration facility.	0.5

**Clean Gujarat Green Gujarat**

ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation



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.





## 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 30<sup>th</sup> for the period ensuring 31<sup>st</sup> 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 from time to time.
5. Unit shall comply provisions of E-Waste Management Rules-2016.

For and on behalf of  
Gujarat Pollution Control Board

*D.P. Shah*  
(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.

Signature Not Verified

Digitally signed by SHAH  
DIPTI PRAKASH  
Date: 2017.07.21 11:39:22 IST  
Reason: Secure Document  
Location: India

**Clean Gujarat Green Gujarat**

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**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	<ul style="list-style-type: none"> <li>Asked that how much water of municipality is used by this company and how much quantity will be used in future?</li> </ul>	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	<ul style="list-style-type: none"> <li>How much quantity of solvent is to be used by the company and how much is to be recovered?</li> <li>He further asked about Mockdrill, Safety Audit and Risk Assessment etc. are carried out at regular interval or not?</li> </ul>	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	<ul style="list-style-type: none"> <li>What will be the treatment cost in the ETP?</li> </ul>	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	<ul style="list-style-type: none"> <li>Whether for proposed project local people will get the employment or not?</li> </ul>	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	<ul style="list-style-type: none"> <li>As Company is located in the area of Nagarpalika, any officer of the Nagarpalika is present here or not?</li> </ul>	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
		<ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• He asked whether company is located in Gundlav GIDC or Valsad?</li> <li>• He added that Gujarat Pollution Control Board has also issued notice to the Nagarpalika for the sewage treatment Plant.</li> <li>• In addition he mentioned that it is necessary that action should be taken by the collector in case of pollution by the Nagarpalika.</li> </ul>	<p>--</p> <p>--</p> <p>Representative from the project Proponent replied that this plant is located in the area of Valsad Nagarpalika.</p> <p>Shri G.V.Patel, Regional Officer, GPCB, Vapi informed that action will be taken as an when required.</p> <p>--</p>



Sr. No.	Who asked the question	Question details	Response from the party & comment from the dias
6	Shri Rajendra Parekh, Valsad	<ul style="list-style-type: none"> <li>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?</li> </ul>	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	<ul style="list-style-type: none"> <li>Whether proposed R.O. and MEE system are viable or not?</li> </ul>	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	<ul style="list-style-type: none"> <li>How many accidents or causalities occurred in last five years?</li> </ul>	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, સેક્ટર ૧૦ અ, ગાંધીનગર-૩૮૨૦૧૦  
ટેલી ૦૭૯-૨૩૨ ૩૨ ૧૫૨ ફેક્સ ૦૭૯-૨૩૨ ૨૭૮૪ 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 ઇથાઇલ સેલ્યુલોઝ ૨૦ ટીપીએમ પ્લાન્ટની ઉત્પાદન ક્ષમતા ૯૯.૬૯ ટીપીએમ વધારવા માટેની પરીયોજના (પ્રોજેક્ટ) કેટેગરી "એ" અંતર્ગત વલસાડ વિસ્તાર માટે તેઓની અરજી અંગે મળેલ છે.

લોકસુનાવણીની પ્રકીયાના 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 ઇઆઈએ (એન્વિરોનમેન્ટ ઇમ્પેક્ટ એસેસમેન્ટ) અહેવાલના મુસદ્દાની પ્રત તથા એન્વિરોનમેન્ટ ઇમ્પેક્ટ એસેસમેન્ટનો સંક્ષિપ્ત અહેવાલની પ્રત નીચે દર્શાવેલ ઓથોરિટી/કાર્યાલયો ખાતે કામકાજના દિવસો દરમિયાન લોકસુનાવણીના દિન સુધી નિહાળી શકાશે.

૧. જિલ્લા કલેક્ટરશ્રીની કચેરી, વલસાડ
૨. જિલ્લા વિકાસ અધિકારીની કચેરી, વલસાડ
૩. જિલ્લા ઉદ્યોગ કેન્દ્ર, વલસાડ
૪. તાલુકા વિકાસ અધિકારીની કચેરી, તા.જિ.વલસાડ
૫. મુખ્ય વન સંરક્ષકશ્રી, પર્યાવરણ અને વન મંત્રાલય ભારત સરકારની પ્રાદેશિક કચેરી (પશ્ચિમ ઝોન), કેન્દ્રીય પર્યાવરણ ભવન, ઇ-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 - ૩૮૬૧૯૫.

જિલ્લા કલેક્ટરશ્રી, (જિલ્લા મેજિસ્ટ્રેટ) 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.જિ.વલસાડ - ૩૮૬ ૦૦૧. 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 Saurashtra Patel Kadva Patidar Samaj Hall, Dharampur char Rasta, N.H. No. 8, Valsad, Ta. & Dist. Valsad.

Place : Gandhinagar  
Date : 05.11.2012

Hardik Shah  
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 <sup>0</sup> 35' 38.39" N Latitude & 72 <sup>0</sup> 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 <sup>2</sup>



	(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 m<sup>3</sup>/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 m<sup>3</sup>/day, thus after proposed expansion the total fresh water requirement will be 49.2 m<sup>3</sup>/day shall be sourced from existing own bore well. Presently we are generating 38.3 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>2</sup> of area 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 m<sup>2</sup>
- Land for Green belt: 6325 m<sup>2</sup>
- 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 Annum. After proposed expansion total capital cost will be Rs. 248 lacs & estimated operating cost will be Rs. 134 lacs per Annum.
- 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 m<sup>3</sup>/day
- Total industrial effluent generation: 242.1 m<sup>3</sup>/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

OCTOBER 2019 TO MARCH 2020

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 21 <sup>th</sup> 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 21 <sup>th</sup> 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 accredited laboratory. Compliance of G.S.R 608(E) dated 21 <sup>th</sup> 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 <sub>6</sub> H <sub>5</sub> OH)	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	<p>Adequate stack height should be provided to gas fired boiler/hot air generator, Bag filter shall be provided to additional spin flash dryers.</p> <p>At no time, the emission levels should go beyond the prescribed standards.</p>			<p>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.</p> <p>We ensure that, no emission level will beyond the prescribed standard.</p>		
iii	<p>In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided.</p> <p>Fugitive emissions shall be controlled by providing closed storage, closed handling &amp; conveyance of chemicals/ materials, multi cyclone separator and water sprinkling system.</p>			<p>We have provided closed reactors, storage tanks for liquid raw materials to control the fugitive emission. Also provided alarm system to check the fugitive emission at source.</p> <p>We have provided closed storage, closed handling &amp; conveyance of chemicals/ materials, multi cyclone separator and water sprinkling system to control fugitive</p>		



	<p>Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emission.</p> <p>Fugitive emissions in the work zone environment, product, raw material storage area etc. shall be regularly monitored.</p>	<p>emission.</p> <p>We have provided RCC road within the premises and also provided water sprinkler system at loading and unloading area.</p> <p>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;</p>																																																																		
	<table><tr><td>No.</td><td>Date</td><td colspan="4">Name of Raw Material Storage</td></tr><tr><td></td><td></td><td>Toluene</td><td>Ethyl Alcohol</td><td>Acetic Acid</td><td>HCl</td></tr><tr><td>1</td><td>04/10/2019</td><td>23.8</td><td>60.0</td><td>02.0</td><td>1.40</td></tr><tr><td>2</td><td>05/11/2019</td><td>22.6</td><td>58.4</td><td>03.5</td><td>2.00</td></tr><tr><td>3</td><td>10/12/2019</td><td>25.0</td><td>61.7</td><td>02.4</td><td>1.80</td></tr><tr><td>4</td><td>07/01/2020</td><td>24.5</td><td>59.2</td><td>03.2</td><td>1.60</td></tr><tr><td>5</td><td>15/02/2020</td><td>23.2</td><td>57.8</td><td>03.0</td><td>1.70</td></tr><tr><td>6</td><td>04/03/2020</td><td>25.4</td><td>62.4</td><td>03.3</td><td>1.50</td></tr><tr><td></td><td>Min.</td><td>22.6</td><td>57.8</td><td>02.0</td><td>1.40</td></tr><tr><td></td><td>Max.</td><td>25.4</td><td>62.4</td><td>03.5</td><td>2.00</td></tr><tr><td></td><td>TWA Concentration Limit from Factory act.1948</td><td>100 ppm</td><td>1000 ppm</td><td>10 ppm</td><td>05 ppm</td></tr></table> <p>Fugitive emission was carried out by NABL accredited laboratory M/S Eco system resource Management Pvt. Limited, Surat. (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 15/11/2019 valid until: 14/11/2021.</p>	No.	Date	Name of Raw Material Storage						Toluene	Ethyl Alcohol	Acetic Acid	HCl	1	04/10/2019	23.8	60.0	02.0	1.40	2	05/11/2019	22.6	58.4	03.5	2.00	3	10/12/2019	25.0	61.7	02.4	1.80	4	07/01/2020	24.5	59.2	03.2	1.60	5	15/02/2020	23.2	57.8	03.0	1.70	6	04/03/2020	25.4	62.4	03.3	1.50		Min.	22.6	57.8	02.0	1.40		Max.	25.4	62.4	03.5	2.00		TWA Concentration Limit from Factory act.1948	100 ppm	1000 ppm	10 ppm	05 ppm	
No.	Date	Name of Raw Material Storage																																																																		
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	TWA Concentration Limit from Factory act.1948	100 ppm	1000 ppm	10 ppm	05 ppm																																																															
iv	<p>Solvent management shall be carried out as follows:</p> <p>i. Reactor shall be connected to chilled brine condenser system.</p> <p>ii. Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</p> <p>iii. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</p> <p>iv. Solvents shall be stored in a separate space</p>	<p>We are using toluene as solvent and provided adequate solvent recovery system to achieve &gt; 95% of recovery. The details of solvent recovery plant as under;</p> <p>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 leakages.</p> <p>We have provided sufficient HTA to condensers to achieve more than 95% of solvent recovery.</p> <p>We have provided isolated storage tanks for</p>																																																																		



	<p>specified with all safety measures.</p> <p>v. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</p> <p>vi. Entire plant shall be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses.</p> <p>vii. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</p>	<p>the storage of solvent.</p> <p>We have provided proper earthing to the storage tanks and in all the electrical equipment wherever solvent handling is done.</p> <p>We have provided flame proof units and also provided breather valve to storage tank to prevent losses.</p> <p>All the storage tanks are connected to the double condenser with chilled water and brine</p> <p>We are regularly monitored VOC level through NABL Accredited laboratory M/S Ecosystem Resource Management Pvt. Limited, Surat.</p> <p>Summary of the results are as under;</p>
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	<u>HC &amp;VOC Monitoring</u>			
	No.	Date	HC Results	VOC as BTX Results
	1	04/10/2019	<65	2.00
	2	05/11/2019	<65	1.80
	3	10/12/2019	<65	2.20
	4	07/01/2020	<65	2.50
	5	15/02/2020	<65	1.80
	6	04/03/2020	<65	2.20
		Min.	<65	1.80
		Max.	<65	2.50
		G.P.C.B/ Limits	160	--
	<ul style="list-style-type: none"><li>• All Results are in microgram/m3</li><li>• &lt;65 microgram/m3 indicates that results are below detection limit.</li></ul>			
	HC & VOC monitoring was carried out by NABL accredited laboratory M/S Eco system resource Management Pvt. Limited, Surat. (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 15/11/2019 valid until: 14/11/2021.			
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.		We have provided 11 meters height of chimney to D G set as per formula issued by CPCB $H = h+0.2 \times \sqrt{QVA}$ and disperse the gaseous emission through chimney. We have provided acoustic enclosure to the D G set to minimize the noise pollution.	



vi	<p>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.</p> <p>It shall simultaneously be sent to the Regional office of MoEF, the respective Zonal office of CPCB and the GPCB.</p> <p>The levels of PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, Co<sub>x</sub>, 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.</p>	<p>We have uploaded EC compliance reports with effect from October 2016 in our website: <a href="http://www.ashacel.com">www.ashacel.com</a> under Environment Management Title. Besides EC compliance reports, PH proceedings and conditions of EC, related licenses, Environmental Policy, EIA report etc. are also uploaded.</p> <p>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<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, Co<sub>x</sub>, 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.</p> <p>Summary of the results are as under;</p>
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Ambient Air Monitoring

No.	Date	Location	Results PM 10	Min.	Max.	GPCB Limit
1	04/10/2019	Near Main Gate	82	82	90	100
2	05/11/2019	Near Main Gate	88			
3	10/12/2019	Near Main Gate	90			
4	07/01/2020	Near Main Gate	84			
5	15/02/2020	Near Main Gate	88			
6	04/03/2020	Near Main Gate	86			
7	04/10/2019	Near ETP	74	62	74	100
8	05/11/2019	Near ETP	62			
9	10/12/2019	Near ETP	67			
10	07/01/2020	Near ETP	70			
11	15/02/2020	Near ETP	72			
12	04/03/2020	Near ETP	68			

No.	Date	Location	Results PM 2.5	Min.	Max.	GPCB Limit
1	04/10/2019	Near Main Gate	48	48	53	60
2	05/11/2019	Near Main Gate	51			
3	10/12/2019	Near Main Gate	53			
4	07/01/2020	Near Main Gate	49			
5	15/02/2020	Near Main Gate	51			
6	04/03/2020	Near Main Gate	50			
7	04/10/2019	Near ETP	43	36	43	60



8	05/11/2019	Near ETP	36			
9	10/12/2019	Near ETP	39			
10	07/01/2020	Near ETP	41			
11	15/02/2020	Near ETP	42			
12	04/03/2020	Near ETP	39			

No.	Date	Location	Results SO2	Min.	Max.	GPCB Limit
1	04/10/2019	Near Main Gate	18	17	20	80
2	05/11/2019	Near Main Gate	20			
3	10/12/2019	Near Main Gate	17			
4	07/01/2020	Near Main Gate	19			
5	15/02/2020	Near Main Gate	18			
6	04/03/2020	Near Main Gate	20			
7	04/10/2019	Near ETP	12	12	17	80
8	05/11/2019	Near ETP	14			
9	10/12/2019	Near ETP	15			
10	07/01/2020	Near ETP	17			
11	15/02/2020	Near ETP	13			
12	04/03/2020	Near ETP	15			

No.	Date	Location	Results NOx	Min.	Max.	GPCB Limit
1	04/10/2019	Near Main Gate	28	24	28	80
2	05/11/2019	Near Main Gate	25			
3	10/12/2019	Near Main Gate	27			
4	07/01/2020	Near Main Gate	24			
5	15/02/2020	Near Main Gate	28			
6	04/03/2020	Near Main Gate	26			
7	04/10/2019	Near ETP	16	15	19	80
8	05/11/2019	Near ETP	18			
9	10/12/2019	Near ETP	15			
10	07/01/2020	Near ETP	19			
11	15/02/2020	Near ETP	18			
12	04/03/2020	Near ETP	16			

- All Results are in microgram/m3

Ambient air monitoring was carried out by NABL accredited laboratory M/S Eco system resource Management Pvt. Limited, Surat. (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 15/11/2019 valid until: 14/11/2021.

#### 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	04/10/2019	75.00	21.60	08.14	65.20	19.60	07.96	58.80	18.50	07.82
2	05/11/2019	73.60	23.20	07.88	67.00	20.20	08.36	60.00	19.20	07.64



3	10/12/2019	72.40	25.60	07.92	64.80	22.40	09.12	56.20	20.00	08.07
4	07/01/2020	76.80	24.30	08.36	68.50	21.60	08.78	61.80	18.20	07.52
5	15/02/2020	74.20	26.50	08.82	66.00	20.00	09.20	62.50	19.00	07.33
6	04/03/2020	78.50	22.40	08.07	68.80	21.80	08.82	57.70	18.80	07.64
	Min.	72.40	21.60	07.88	64.80	19.60	07.96	56.20	18.20	07.33
	Max.	78.50	26.50	08.82	68.80	22.40	09.20	62.50	20.00	08.07
	G.P.C.B. Limits	150	100	50	150	100	50	150	100	50

**Process & Flue Gas Stack Monitoring**

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	04/10/2019	10.50	14.20	11.80	06.80	08.88	14.70	08.80	09.86
2	05/11/2019	12.00	13.80	13.50	07.70	09.36	17.00	09.20	10.72
3	10/12/2019	11.70	15.50	12.60	06.50	08.75	16.60	08.50	09.56
4	07/01/2020	13.60	16.40	12.00	06.80	08.92	14.20	09.00	10.45
5	15/02/2020	15.20	15.00	13.20	07.20	09.54	15.80	08.60	10.38
6	04/03/2020	14.80	16.20	12.30	07.50	09.62	16.80	09.30	09.92
	Min.	10.50	13.80	11.80	06.50	08.75	14.20	08.50	09.56
	Max.	15.20	16.40	13.50	07.70	09.62	17.00	09.30	10.72
	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 Eco system resource Management Pvt. Limited, Surat. (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 15/11/2019 valid until: 14/11/2021.

vii	Total fresh water requirement from ground water source should not exceed 52.7 m <sup>3</sup> / 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 <sup>3</sup> /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;
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Sr No.	Month	Fresh Water Consumption, KL		Minimum	Maximum
		Per Month, KL	Per Day, KL		
1	Oct-19	722	30.00	20	36
2	Nov-19	733	24.43	13	35
3	Dec-19	857	27.65	23	31
4	Jan-20	735	24.50	22	26
5	Feb-20	777	26.79	25	30
6	March-20	562	25.54	25	27
	Total	4386	159.00		
	Average	731	26.49		



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: Oct '17		Page No.: 61	
Date	Meter Reading	Qty. Drawn Kl	Remark
01/10/17	23922	20	Rinsh
02/10/17	23962	32	Rinsh
03/10/17	23974	32	Rinsh
04/10/17	26027	32	Rinsh
05/10/17	26064	32	Rinsh
06/10/17	26064	0	Wash P.C.Buteri Sunday
07/10/17	26092	28	P.C.Buteri
08/10/17	26119	27	P.C.Buteri
09/10/17	26151	32	P.C.Buteri
10/10/17	26173	22	P.C.Buteri
11/10/17	26207	36	P.C.Buteri
12/10/17	26244	35	P.C.Buteri
13/10/17	26244	0	Wash P.C.Buteri Sunday
14/10/17	26272	28	Himra
15/10/17	26272	0	Himra
16/10/17	26292	25	Himra
17/10/17	26331	39	Himra
18/10/17	26363	32	Himra
19/10/17	26398	33	Himra
20/10/17	26398	0	Wash Rinsh Sunday
21/10/17	26432	34	Rinsh
22/10/17	26466	34	Rinsh
23/10/17	26492	31	Rinsh
24/10/17	26533	36	Rinsh
25/10/17	26565	32	Rinsh
26/10/17	26593	32	P.C.Buteri

ASHA CELLULOSE (I) PVT. LTD. BORWELL WATER CONSUMPTION			
Month: Oct '17		Page No.: 62	
Date	Meter Reading	Qty. Drawn Kl	Remark
27/10/17	26597	0	P.C.Buteri
28/10/17	26597	0	P.C.Buteri
29/10/17	26597	0	P.C.Buteri
30/10/17	26627	32	P.C.Buteri
		722	
		Average	30
		Max	36
		Min	20
*Note: on 25th October the borewell pump was under maintenance, so no fresh water was withdrawn.			
- Rajat			

ASHA CELLULOSE (I) PVT. LTD. BORWELL WATER CONSUMPTION			
Month: Nov '17		Page No.: 63	
Date	Meter Reading	Qty. Drawn Kl	Remark
01/11/17	26647	20	P.C.Buteri
02/11/17	26664	15	P.C.Buteri
03/11/17	26672	13	Himra Sunday
04/11/17	26709	37	Himra
05/11/17	26737	28	Himra
06/11/17	26750	13	Himra
07/11/17	26796	26	Himra
08/11/17	26807	32	Himra
09/11/17	26832	23	Himra
10/11/17	26864	34	Rinsh Sunday
11/11/17	26877	35	Rinsh
12/11/17	26916	39	Rinsh
13/11/17	26942	26	Rinsh
14/11/17	26974	32	Rinsh
15/11/17	26996	22	Rinsh
16/11/17	27030	34	Rinsh
17/11/17	27056	26	Himra
18/11/17	27085	32	Himra Sunday
19/11/17	27214	26	P.C.Buteri
20/11/17	27244	30	P.C.Buteri
21/11/17	27268	24	P.C.Buteri
22/11/17	27282	34	P.C.Buteri
23/11/17	27282	24	Rinsh
24/11/17	27282	13	Rinsh
25/11/17	27282	26	Rinsh
26/11/17	27282	36	Rinsh Sunday

ASHA CELLULOSE (I) PVT. LTD. BORWELL WATER CONSUMPTION			
Month: Nov '17		Page No.: 64	
Date	Meter Reading	Qty. Drawn Kl	Remark
27/11/17	27302	21	Himra
28/11/17	27324	22	Himra
29/11/17	27342	38	Himra
30/11/17	27362	20	Himra
		733	
		Average	24.43
		Max	35
		Min	17





# 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	Attny meter change Sunday
02/12/19	54685	29	Attny
03/12/19	54714	28	Attny
04/12/19	54742	30	Attny
05/12/19	54772	31	Attny
06/12/19	54803	26	Attny
07/12/19	54829	27	Attny
08/12/19	54856	24	Attny Sunday
09/12/19	54880	26	Attny
10/12/19	54906	27	P.G. Patel
11/12/19	54934	28	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	Attny
17/12/19	55099	24	Attny
18/12/19	55123	23	Attny
19/12/19	55146	23	Attny
20/12/19	55173	27	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	Attny
25/12/19	55317	28	Attny
26/12/19	55341	29	Attny



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

Month: Dec '19

Page No.: 66

Date	Meter Reading	Qty. Drawn Kl	Remark
27/12/19	55370	30	Attny
28/12/19	55400	31	Attny
29/12/19	55431	28	Attny Sunday
30/12/19	55459	27	Attny
31/12/19	55486	26	Attny
		857	Attny
	Average:	29.65	
	min	23	
	max	31	Bill 01/01/2020



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

Month: January 2020

Page No.: 57

Date	Meter Reading	Qty. Drawn Kl	Remark
01/01/2020	55512	24	P.G. Patel
02/01/2020	55536	23	P.G. Patel
03/01/2020	55559	24	P.G. Patel
04/01/2020	55583	23	P.G. Patel
05/01/2020	55606	23	Attny Sunday
06/01/2020	55629	24	Attny
07/01/2020	55653	24	Attny
08/01/2020	55677	23	Attny
09/01/2020	55700	22	Attny
10/01/2020	55722	24	Attny
11/01/2020	55746	24	Attny
12/01/2020	55770	24	Attny Sunday
13/01/2020	55794	23	Attny
14/01/2020	55817	0	Holiday
15/01/2020	55819	26	Pitish
16/01/2020	55843	24	Pitish
17/01/2020	55867	22	Pitish
18/01/2020	55889	26	Pitish
19/01/2020	55915	25	Pitish Sunday
20/01/2020	55940	26	Pitish
21/01/2020	55966	26	Pitish
22/01/2020	55992	26	Pitish
23/01/2020	56018	25	P.G. Patel
24/01/2020	56043	26	P.G. Patel
25/01/2020	56069	26	P.G. Patel
26/01/2020	56095	25	P.G. Patel Sunday



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

Month: February 2020

Page No.: 69

Date	Meter Reading	Qty. Drawn Kl	Remark
01/02/2020	56110	34	Attny Meter change
02/02/2020	56139	28	Attny Sunday
03/02/2020	56170	26	Attny
04/02/2020	56203	30	Attny
05/02/2020	56233	29	Attny
06/02/2020	56262	28	Attny
07/02/2020	56290	29	Attny
08/02/2020	56319	29	Attny
09/02/2020	56348	30	P.G. Patel Sunday
10/02/2020	56378	29	P.G. Patel
11/02/2020	56407	28	P.G. Patel
12/02/2020	56435	29	P.G. Patel
13/02/2020	56464	25	P.G. Patel
14/02/2020	56493	25	P.G. Patel
15/02/2020	56522	29	P.G. Patel
16/02/2020	56551	29	Pitish Sunday
17/02/2020	56580	28	Pitish
18/02/2020	56609	29	Pitish
19/02/2020	56638	25	Pitish
20/02/2020	56667	25	Pitish
21/02/2020	56696	25	Pitish
22/02/2020	56725	25	Attny
23/02/2020	56754	27	Attny Sunday
24/02/2020	56783	25	Attny
25/02/2020	56812	25	Attny
26/02/2020	56841	25	Attny



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

Month:- February '2020'

Page No. : 59

Date	Meter Reading	Qty. Drawn KI	Remark
01/02/2020	341	28	Hi men
01/02/2020	369	28	Hi men
03/02/2020	392	26	Hi men
04/02/2020	423	30	Rishu
05/02/2020	453	29	Hi men
06/02/2020	482	28	Hi men
07/02/2020	510	29	Hi men
08/02/2020	539	29	Hi men
09/02/2020	568	30	Rishu
10/02/2020	598	29	P.G. Adh
11/02/2020	627	28	P.G. Adh
12/02/2020	655	27	P.G. Adh
13/02/2020	684	28	P.G. Adh
14/02/2020	709	25	P.G. Adh
15/02/2020	734	29	P.G. Adh
16/02/2020	761	29	Rishu
17/02/2020	788	26	Rishu
18/02/2020	814	29	Rishu
19/02/2020	841	25	Rishu
20/02/2020	866	25	Rishu
21/02/2020	891	25	Rishu
22/02/2020	916	25	Hi men
23/02/2020	941	29	Hi men
24/02/2020	968	25	Hi men
25/02/2020	993	25	Hi men
26/02/2020	1018	25	Hi men

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

month: February 2020

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

141 March 1 2020

Page No. : 71

Date	Meter Reading	Qty. Drawn Kl	Remark
01/03/2020	1118	25	P.G. Refill
02/03/2020	1143	25	P.G. Refill
03/03/2020	1168	25	P.G. Refill
04/03/2020	1193	25	P.G. Refill
05/03/2020	1218	25	P.G. Refill
06/03/2020	1243	25	P.G. Refill
07/03/2020	1268	25	P.G. Refill
08/03/2020	1300	25	P.G. Refill
09/03/2020	1325	25	P.G. Refill
10/03/2020	1350	25	P.G. Refill
11/03/2020	1375	25	P.G. Refill
12/03/2020	1400	25	P.G. Refill
13/03/2020	1425	25	P.G. Refill
14/03/2020	1450	25	P.G. Refill
15/03/2020	1475	25	P.G. Refill
16/03/2020	1500	25	P.G. Refill
17/03/2020	1525	25	P.G. Refill
18/03/2020	1550	25	P.G. Refill
19/03/2020	1575	25	P.G. Refill
20/03/2020	1600	25	P.G. Refill
21/03/2020	1625	25	P.G. Refill
22/03/2020	1650	25	P.G. Refill
23/03/2020	1675	25	P.G. Refill
24/03/2020	1700	25	P.G. Refill
25/03/2020	1725	25	P.G. Refill
26/03/2020	1750	25	P.G. Refill
27/03/2020	1775	25	P.G. Refill
28/03/2020	1800	25	P.G. Refill
29/03/2020	1825	25	P.G. Refill
30/03/2020	1850	25	P.G. Refill
31/03/2020	1875	25	P.G. Refill
01/04/2020	1900	25	P.G. Refill
02/04/2020	1925	25	P.G. Refill
03/04/2020	1950	25	P.G. Refill
04/04/2020	1975	25	P.G. Refill
05/04/2020	2000	25	P.G. Refill
06/04/2020	2025	25	P.G. Refill
07/04/2020	2050	25	P.G. Refill
08/04/2020	2075	25	P.G. Refill
09/04/2020	2100	25	P.G. Refill
10/04/2020	2125	25	P.G. Refill
11/04/2020	2150	25	P.G. Refill
12/04/2020	2175	25	P.G. Refill
13/04/2020	2200	25	P.G. Refill
14/04/2020	2225	25	P.G. Refill
15/04/2020	2250	25	P.G. Refill
16/04/2020	2275	25	P.G. Refill
17/04/2020	2300	25	P.G. Refill
18/04/2020	2325	25	P.G. Refill
19/04/2020	2350	25	P.G. Refill
20/04/2020	2375	25	P.G. Refill
21/04/2020	2400	25	P.G. Refill
22/04/2020	2425	25	P.G. Refill
23/04/2020	2450	25	P.G. Refill
24/04/2020	2475	25	P.G. Refill
25/04/2020	2500	25	P.G. Refill
26/04/2020	2525	25	P.G. Refill
27/04/2020	2550	25	P.G. Refill
28/04/2020	2575	25	P.G. Refill
29/04/2020	2600	25	P.G. Refill
30/04/2020	2625	25	P.G. Refill
01/05/2020	2650	25	P.G. Refill
02/05/2020	2675	25	P.G. Refill
03/05/2020	2700	25	P.G. Refill
04/05/2020	2725	25	P.G. Refill
05/05/2020	2750	25	P.G. Refill
06/05/2020	2775	25	P.G. Refill
07/05/2020	2800	25	P.G. Refill
08/05/2020	2825	25	P.G. Refill
09/05/2020	2850	25	P.G. Refill
10/05/2020	2875	25	P.G. Refill
11/05/2020	2900	25	P.G. Refill
12/05/2020	2925	25	P.G. Refill
13/05/2020	2950	25	P.G. Refill
14/05/2020	2975	25	P.G. Refill
15/05/2020	3000	25	P.G. Refill
16/05/2020	3025	25	P.G. Refill
17/05/2020	3050	25	P.G. Refill
18/05/2020	3075	25	P.G. Refill
19/05/2020	3100	25	P.G. Refill
20/05/2020	3125	25	P.G. Refill
21/05/2020	3150	25	P.G. Refill
22/05/2020	3175	25	P.G. Refill
23/05/2020	3200	25	P.G. Refill
24/05/2020	3225	25	P.G. Refill
25/05/2020	3250	25	P.G. Refill
26/05/2020	3275	25	P.G. Refill
27/05/2020	3300	25	P.G. Refill

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

month: March 2020

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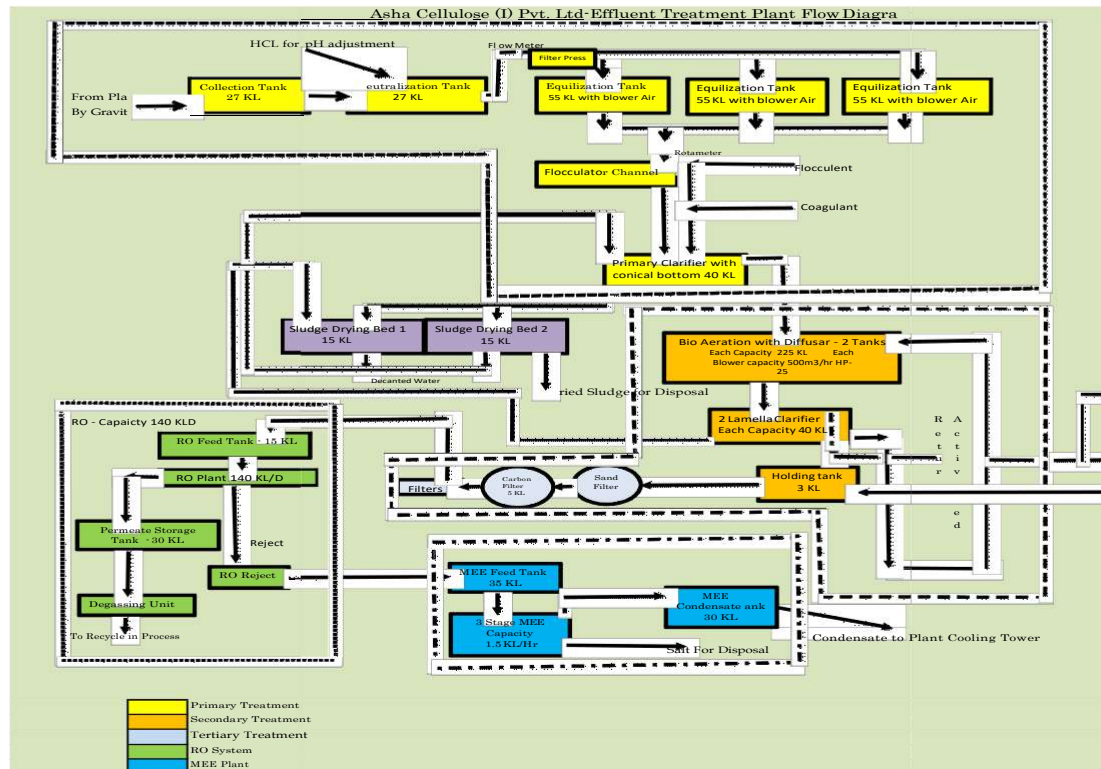
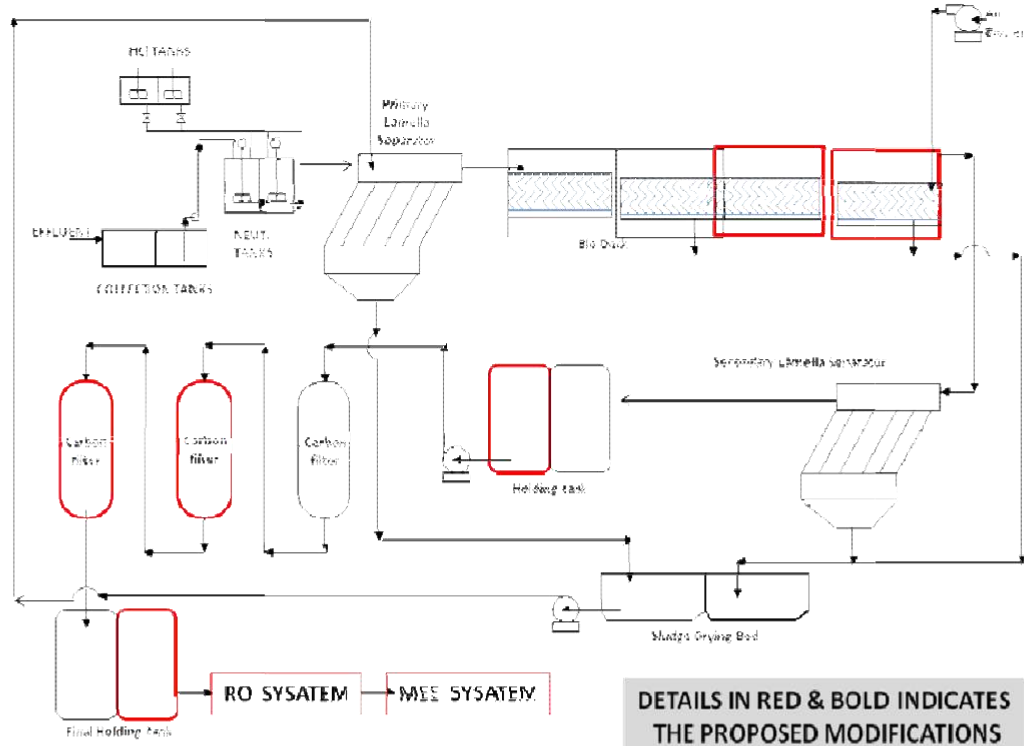
viii	<p>Total effluent generations shall not exceed 240.5 m<sup>3</sup>/day.</p> <p>Effluent shall be should be treated in ETP comprising primary, secondary and tertiary treatment (RO). RO rejects will be evaporated in MEE. The RO permeates and MEE condensate shall be recycled in the process.</p>	<p>We have generated average 144.3 m<sup>3</sup>/day of industrial effluent.</p> <p>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.</p> <p>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.</p> <p>Scan copies of effluent generation daily and monthly details are attached herewith.</p>
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DETAILS OF ETP, RO AND MEE

Sr. No.	Particulars	Capacity, m3	MOC
1	Collection Tank	205	RCC
2	Neutralization Tank	40	RCC
3	Flocculator	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.

October-2019

EFFLUENT GENERATION LOG

Page No.: 362

Date	Meter Reading	Qty. Drawn KI	Remark
1-10-19	133489	75	Smit
2-10-19	133564	40	Smit
3-10-19	133634	67	Smit
4-10-19	133701	70	Smit
5-10-19	133771	69	Smit
6-10-19	133840	0	—
7-10-19	133840	71	Smit
8-10-19	133911	69	A.N. Patel
9-10-19	133980	72	A.N. Patel
10-10-19	134052	69	A.N. Patel
11-10-19	134121	69	A.N. Patel
12-10-19	134190	69	A.N. Patel
13-10-19	134259	0	—
14-10-19	134259	68	A.N. Patel
15-10-19	134327	0	—
16-10-19	134327	72	Jirel
17-10-19	134399	70	Jirel
18-10-19	134469	68	Jirel
19-10-19	134537	71	Jirel
20-10-19	134608	0	—
21-10-19	134608	70	Jirel
22-10-19	134678	69	Jirel
23-10-19	134747	70	Smit
24-10-19	134817	70	Smit
25-10-19	134887	74	Smit
26-10-19	134961	69	Smit



ASHA CELLULOSE (I) PVT. LTD.

Oct-2019

EFFLUENT GENERATION LOG

Page No.: 363

Date	Meter Reading	Qty. Drawn KI	Remark
27-10-19	135030	0	—
28-10-19	135030	0	—
29-10-19	135030	0	—
30-10-19	135030	75	A.N. Patel
31-10-19	135105	73	A.N. Patel
1-11-19	135178		
Total		1689	
Average		70.40	
Min		67	
Max		75	



ASHA CELLULOSE (I) PVT. LTD.

October-2019

EFFLUENT GENERATION LOG

Page No.: 362

Date	Meter Reading	Qty. Drawn KI	Remark
1-10-19	133489	75	Smit
2-10-19	133564	40	Smit
3-10-19	133634	67	Smit
4-10-19	133701	70	Smit
5-10-19	133771	69	Smit
6-10-19	133840	0	—
7-10-19	133840	71	Smit
8-10-19	133911	69	A.N. Patel
9-10-19	133980	72	A.N. Patel
10-10-19	134052	69	A.N. Patel
11-10-19	134121	69	A.N. Patel
12-10-19	134190	69	A.N. Patel
13-10-19	134259	0	—
14-10-19	134259	68	A.N. Patel
15-10-19	134327	0	—
16-10-19	134327	72	Jirel
17-10-19	134399	70	Jirel
18-10-19	134469	68	Jirel
19-10-19	134537	71	Jirel
20-10-19	134608	0	—
21-10-19	134608	70	Jirel
22-10-19	134678	69	Jirel
23-10-19	134747	70	Smit
24-10-19	134817	70	Smit
25-10-19	134887	74	Smit
26-10-19	134961	69	Smit



ASHA CELLULOSE (I) PVT. LTD.

Oct-2019

EFFLUENT GENERATION LOG

Page No.: 363

Date	Meter Reading	Qty. Drawn KI	Remark
27-10-19	135030	0	—
28-10-19	135030	0	—
29-10-19	135030	0	—
30-10-19	135030	75	A.N. Patel
31-10-19	135105	73	A.N. Patel
1-11-19	135178		
Total		1689	
Average		70.40	
Min		67	
Max		75	





## ASHA CELLULOSE (I) PVT. LTD.

## EFFLUENT GENERATION LOG

Page No.: 366

December-2019

Date	Meter Reading	Qty. Drawn KI	Remark
1-12-19	136871	59	Jirul
2-12-19	136930	61	Jirul
3-12-19	136991	60	Jirul
4-12-19	137051	62	Smit
5-12-19	137113	59	Smit
6-12-19	137172	61	Smit
7-12-19	137233	62	Smit
8-12-19	137295	63	Smit
9-12-19	137358	58	Smit
10-12-19	137416	59	Smit
11-12-19	137475	60	A.N. Patel
12-12-19	137535	60	A.N. Patel
13-12-19	137595	61	A.N. Patel
14-12-19	137656	63	A.N. Patel
15-12-19	137719	61	A.N. Patel
16-12-19	137780	59	A.N. Patel
17-12-19	137839	63	A.N. Patel
18-12-19	137902	62	Jirul
19-12-19	137964	58	Jirul
20-12-19	138022	60	Jirul
21-12-19	138082	62	Jirul
22-12-19	138144	63	Jirul
23-12-19	138207	62	Jirul
24-12-19	138269	61	Jirul
25-12-19	138330	60	Smit
26-12-19	138390	63	Smit



## ASHA CELLULOSE (I) PVT. LTD.

## EFFLUENT GENERATION LOG

Page No.: 367

December-2019

Date	Meter Reading	Qty. Drawn KI	Remark
27-12-19	138453	61	Smit
28-12-19	138514	60	Smit
29-12-19	138574	61	Smit
30-12-19	138635	60	Smit
31-12-19	138695	61	Smit
1-1-20	138756		
Total		1885	
Average		60.80	
Min		58	
Max		63	



## ASHA CELLULOSE (I) PVT. LTD.

## EFFLUENT GENERATION LOG

Page No.: 368

January-2020

Date	Meter Reading	Qty. Drawn KI	Remark
1-1-20	138856	64	A.N. Patel
2-1-20	138920	62	A.N. Patel
3-1-20	138982	60	A.N. Patel
4-1-20	139042	62	A.N. Patel
5-1-20	139104	63	A.N. Patel
6-1-20	139167	65	A.N. Patel
7-1-20	139232	62	A.N. Patel
8-1-20	139294	61	Jirul
9-1-20	139355	60	Jirul
10-1-20	139415	63	Jirul
11-1-20	139478	60	Jirul
12-1-20	139538	62	Jirul
13-1-20	139590	65	Jirul
14-1-20	139655	0	-
15-1-20	139665	65	Smit
16-1-20	139630	64	Smit
17-1-20	139694	63	Smit
18-1-20	139757	63	Smit
19-1-20	139820	65	Smit
20-1-20	139885	67	Smit
21-1-20	139952	68	Smit
22-1-20	140020	63	A.N. Patel
23-1-20	140083	65	A.N. Patel
24-1-20	140148	64	A.N. Patel
25-1-20	140212	63	A.N. Patel
26-1-20	140275	67	A.N. Patel



## ASHA CELLULOSE (I) PVT. LTD.

## EFFLUENT GENERATION LOG

Page No.: 369

January-2020

Date	Meter Reading	Qty. Drawn KI	Remark
27-1-20	140340	65	A.N. Patel
28-1-20	140407	65	A.N. Patel
29-1-20	140472	64	Jirul
30-1-20	140536	66	Jirul
31-1-20	140602	65	Jirul
1-2-20	140667		
Total		7911	
Average		63.70	
Min		60	
Max		68	



February- 2020

## EFFLUENT GENERATION LOG

Page No. : 370

Date	Meter Reading	Qty, Drawn Kl	Remark
1-2-20	140567	57	Jiral
4-2-20	140724	58	Jiral
8-2-20	140782	58	Jiral
4-2-20	140840	57	Jiral
5-2-20	140899	57	Smit
6-2-20	140956	57	Smit
7-2-20	141013	56	Smit
8-2-20	141069	57	Smit
9-2-20	141126	56	Smit
10-2-20	141182	55	Smit
11-2-20	141241	55	Smit
12-2-20	141296	56	A.N. Patel
13-2-20	141352	55	A.N. Patel
14-2-20	141407	54	A.N. Patel
15-2-20	141461	52	A.N. Patel
16-2-20	141519	54	A.N. Patel
17-2-20	141569	53	A.N. Patel
18-2-20	141620	53	A.N. Patel
19-2-20	141673	54	Jiral
20-2-20	141727	55	Jiral
21-2-20	141782	57	Jiral
22-2-20	141833	57	Jiral
23-2-20	141896	56	Jiral
24-2-20	141952	55	Jiral
25-2-20	142007	54	Jiral
26-2-20	142065	56	Smit

## EFFLUENT GENERATION LOG

Page No. : 371

[illegible]

March 2020

## EFFLUENT GENERATION LOG

Page No. 372

Date	Meter Reading	Qty, Drawn KI	Remarks	Remark
1-3-20	142286	50	Smrit	
2-3-20	142336	52	Smrit	
3-3-20	142388	53	A. Dr. Patel	
4-3-20	142441	50	A. Dr. Patel	
5-3-20	142491	49	A. Dr. Patel	
6-3-20	142540	53	A. Dr. Patel	
7-3-20	142593	52	A. Dr. Patel	
8-3-20	142644	50	A. Dr. Patel	
9-3-20	142694	53	A. Dr. Patel	
10-3-20	142747	0	Smrit	
11-3-20	142747	52	Smrit	
12-3-20	142799	50	Smrit	
13-3-20	142849	51	Smrit	
14-3-20	142900	51	Smrit	
15-3-20	142951	52	Smrit	
16-3-20	143003	52	Smrit	
17-3-20	143055	53	Smrit	
18-3-20	143108	53	Smrit	
19-3-20	143161	52	Smrit	
20-3-20	143213	52	Smrit	
21-3-20	143265	54	Smrit	
22-3-20	143319	0	-	
23-3-20	143319	50	Smrit	
24-3-20	143369	53	Smrit	
25-3-20	143422	0	-	
26-3-20	143422	0	-	

march-2020

## EFFLUENT GENERATION LOG

Page No. : 373

[illegible]



ix	<p>'Zero' effluent discharge shall be adopted and no effluent will be discharged outside the premises.</p>	<p>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.</p> <p>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;</p>
----	------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<u>Sewage Sample</u>					
No.	Date	Parameters & Results			
		pH	Suspended Solids (mg/L)	BOD (3days 27°C) (mg/L)	Residual Chlorine (ppm)
1	04/10/2019	8.15	20	10	0.78
2	05/11/2019	8.32	17	08	0.80
3	10/12/2019	8.52	16	09	0.67
4	07/01/2020	7.92	21	10	0.70
5	15/02/2020	8.14	18	08	0.60
6	04/03/2020	8.22	22	09	0.75
	Min.	7.92	16	08	0.60
	Max.	8.52	22	10	0.80
	G.P.C.B. Limits	-	Less than 30 mg/L.	Less than 20 mg/L.	Minimum 0.5 ppm

<u>Effluent Analysis (R.O. Permeate)</u>										
Month wise Results										
No.	Parameters	Unit	4/10/19	5/11/19	10/12/19	7/1/20	15/2/20	4/3/20	Min.	Max.
1	Color	Pt.co	00	05	05	00	05	00	00	05
2	Temp.	°C	26	26	27	27	26	27	26	27
3	pH	unit	6.54	6.90	6.37	6.88	7.08	7.20	6.37	7.20
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	80	70	78	82	84	75	70	84
6	COD	mg/l	11.4	10.6	9.80	13.50	12.60	14.4	9.80	14.4
7	Chlorides	mg/l	57	47	53	60	64	50	47	64
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	14	10	12	14	16	12	10	16
10	NH3-N	mg/l	4.20	3.80	5.20	4.20	5.20	4.20	3.80	5.20
11	Phenolic comp.	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

<u>Effluent Analysis (Condensate water from MEE)</u>										
Month wise Results										
No.	Parameters	Unit	4/10/19	5/11/19	10/12/19	7/1/20	15/2/20	4/3/20	Min.	Max.



1	Color	Pt.co.	05	10	10	150	10	10	05	15
2	Temp.	°C	33	34	34	35	34	34	33	35
3	pH	unit	7.08	6.88	6.72	7.21	7.14	6.76	6.72	7.21
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	36	42	38	40	36	40	36	42
6	COD	mg/l	330	322	328	324	328	320	320	330
7	BOD	mg/l	104	97	100	97	100	95	95	104
8	Chlorides	mg/l	20	28	24	26	21	26	20	28
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	08	10	09	10	08	10	08	10
11	NH3-N	mg/l	5.2	7.2	6.4	4.8	5.2	7.2	4.8	7.2
12	Phenolic comp.	mg/l	0.05	0.03	0.06	0.06	0.03	0.05	0.03	0.06

#### Effluent Analysis (E.T.P. Outlet )

No.	Parameters	Unit	Month wise Results						Min.	Max.	Limits
			4/10/19	5/11/19	10/12/19	7/1/20	15/2/20	4/3/20			
1	Color	Pt.co	70	80	65	70	60	75	60	80	100
2	Temp.	°C	27	27	28	26	26	28	26	28	40
3	pH	unit	7.64	7.32	8.15	7.22	8.07	7.42	7.22	8.15	6.5-8.5
4	S.S.	mg/l	36	42	38	40	38	37	36	42	100
5	T.D.S.	mg/l	1186	1190	1180	1210	1190	1200	1180	1210	2100
6	COD	mg/l	140	145	138	132	142	138	132	145	250
7	BOD	mg/l	27	29	25	24	28	25	24	29	30
8	Chlorides	mg/l	534	540	528	552	540	550	528	552	600
9	Oil/Grease	mg/l	1.50	1.20	1.40	1.00	1.10	1.30	1.00	1.50	10
10	Sulphates	mg/l	420	426	415	440	426	432	415	440	1000
11	NH3-N	mg/l	12.8	10.6	9.8	10.6	11.4	9.8	9.8	12.8	50
12	Phenoli	mg/l	0.06	0.07	0.08	0.08	0.05	0.06	0.05	0.08	01

#### Effluent Analysis (E.T.P. Inlet)

No.	Parameters	Unit	Month wise Results						Min.	Max.
			4/10/19	5/11/19	10/12/19	7/1/20	15/2/20	4/3/20		
1	Color	Pt.co.	120	140	130	130	120	110	110	140
2	Temp.	°C	30	32	32	31	30	32	30	32
3	pH	unit	9.54	9.32	8.96	8.90	9.62	9.48	8.90	9.62
4	S.S.	mg/l	147	152	163	158	150	160	147	163
5	T.D.S.	mg/l	2820	2850	2790	2820	2800	2840	2790	2850
6	COD	mg/l	1152	1164	1126	1098	1092	1143	1092	1164
7	BOD	mg/l	342	350	328	325	320	337	320	350
8	Chlorides	mg/l	1510	1548	1478	1512	1492	1530	1478	1548
9	Oil/Grease	mg/l	4.80	6.00	5.70	6.30	5.90	6.20	4.80	6.30
10	Sulphates	mg/l	1112	1142	1078	1110	1090	1135	1078	1142
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	0.12	0.14	0.10	0.09	0.11	0.13	0.09	0.14

#### Effluent Analysis (R.O. Reject )

No.	Parameters	Unit	Month wise Results						Min.	Max.
			4/10/19	5/11/19	10/12/19	7/1/20	15/2/20	4/3/20		



1	Color	Pt.co.	120	140	130	130	120	110	110	140
2	Temp.	°C	30	32	32	31	30	32	30	32
3	pH	unit	9.54	9.32	8.96	8.90	9.62	9.48	8.90	9.62
4	S.S.	mg/l	147	152	163	158	150	160	147	163
5	T.D.S.	mg/l	2820	2850	2790	2820	2800	2840	2790	2850
6	COD	mg/l	1152	1164	1126	1098	1092	1143	1092	1164
7	BOD	mg/l	342	350	328	325	320	337	320	350
8	Chlorides	mg/l	1510	1548	1478	1512	1492	1530	1478	1548
9	Oil/Grease	mg/l	4.80	6.00	5.70	6.30	5.90	6.20	4.80	6.30
10	Sulphates	mg/l	1112	1142	1078	1110	1090	1135	1078	1142
11	NH3-N	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Monitoring of waste water is carried out by NABL accredited laboratory M/S Eco system resource Management Pvt. Limited, Surat. (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 15/11/2019 valid until: 14/11/2021.

- 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	<p>No effluent shall be discharged into river.</p> <p>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.</p>	<p>We are not discharging any industrial effluent into River.</p> <p>We have provided adequate capacity of collection tank having capacity of 205 m3.</p> <p>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.</p>
xii	<p>Process effluent/any wastewater shall not be allowed to mix with storm water.</p> <p>Storm water drain shall be passed through guard pond.</p>	<p>We have provided separate storm water drain line and industrial effluent drain and ensure that; both the streams are not mixed.</p> <p>To collect storm water we have provided guard pond of 20 m3 capacity.</p>
xiii	<p>Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc.</p> <p>Flame arresters shall be provided on tank farm.</p> <p>Solvent transfer shall be by pumps.</p>	<p>We have provided isolated storage for hazardous chemicals like solvents.</p> <p>We have already provided flame arrester on tank farm.</p> <p>We are transferring the solvents through pumps and closed pipe line only.</p>
xiv	<p>As proposed, process organic residue and spent carbon should be sent to cement industries. ETP sludge, process inorganic &amp; evaporation salt should be disposed off to the TSDF.</p>	<p>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.</p> <p>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</p>





BHARUCH ENVIRO INFRASTRUCTURE LIMITED

REF: BEIL/ANK/2018

3<sup>rd</sup> 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.: U46300GJ1987PLC030886  
Works Office : Plot No. 9751-55 GIDC Estate, Post Box No. 83, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)  
Phone (2246) 269136, 269229 - Fax : (2246) 229649 - E-mail : shrgen@bhenviro.com  
Regd. Office : Plot No. 117-119, GIDC Estate, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

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

Hazardous Waste Details		Unit	April	May	June	July	August	September	Oct	Nov	Dec	Jan	Feb	March	Total
ETP Waste	Opening Stock	Kg	5006	6621	8026	371	1191	2303	3888	5503	7408	9152	10862	12640	
	Generation	Kg	1515	1405	245	820	1112	1585	1715	1805	1744	1710	1778	1485	17019
	Disposal	Kg	0	0	7900	0	0	0	0	0	0	0	0	0	7900
Discarded Container	Opening Stock	MT	0	0.375	0.695	0.065	0.275	0.477	0.707	0.132	0.607	1.069	0.011	0	
	Generation	MT	0.375	0.320	0.350	0.21	0.202	0.23	0.245	0.475	0.462	0.465	0.389	0.197	3.920
	Disposal	MT	0	0	0.980	0	0	0	0.820	0	0	1.523	0.400	0	3.723
Mixed Solvent From the Process Solvent	Opening Stock	MT	3.655	5.868	5.105	2.300	2.866	3.000	3.408	5.132	12.050	19.189	4.602	10.690	
	Generation	MT	18.536	15.186	2.785	8.784	12.587	16.793	18.462	20.476	10.460	10.289	19.617	15.658	169.633
	Disposal	MT	0	0	0	0	0	0	0	5.800	0	8.650	0	6.855	21.305
	Recycled	MT	16.323	15.949	5.59	8.218	12.453	16.385	16.738	7.758	3.321	16.226	13.529	10.687	143.177
Salt from the Process	Opening Stock	MT	55.340	38.420	1.250	13.238	34.693	67.296	112.135	160.450	124.880	46.220	11.880	63.220	
	Generation	MT	38.185	24.195	11.988	21.455	32.603	44.839	48.315	49.850	48.525	48.695	51.340	40.845	460.835
	Disposal	MT	55.105	61.365	0.000	0.000	0.000	0.000	0.030	85.420	127.185	83.035	0.000	0.000	412.110

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



Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Manifest)		Manifest No: 961638 12/11/2019	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, 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		
8 Waste Description & Codes :	26.1		
Total Quantity :	21.250 Metric Tonne	Containers: 0	
Consistency :	Solid		
11 Waste Description :	SALT		
12 Occupier's Certificate: I hereby declare that the contents of the consignment are fully and accurately described 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: 12/11/2019 <i>Pravin</i> Authorized Signatory	
13 Transporter Acknowledgement of Receipt of Wastes			
Stamp of: Foram Transport		Date: 12/11/2019 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	

12/11/2019

1 ( Through XGN )

N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Manifest)		Manifest No: 965361 18/11/2019	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, 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		
8 Waste Description & Codes :	26.1		
Total Quantity :	20.640 Metric Tonne	Containers: 0	
Consistency :	Solid		
11 Waste Description :	SALT		
12 Occupier's Certificate: I hereby declare that the contents of the consignment are fully and accurately described 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: 18/11/2019 <i>Pravin</i> Authorized Signatory	
13 Transporter Acknowledgement of Receipt of Wastes			
Stamp of: FORAM TRANSPORT At Post: Nahuli, Tal- Umbergam Dist: Valsad - 396 001		Date: 18/11/2019 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	20.640	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

18/11/2019

1 ( Through XGN )

N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Manifest)		Manifest No: 968003 22/11/2019	Copy 2
To be carried by the occupier after taking signature on it from the transporter.			
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, 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		
8 Waste Description & Codes :	26.1		
Total Quantity :	20.945 Metric Tonne	Containers: 0	
Consistency :	Solid		
11 Waste Description :	SALT		
12 Occupier's Certificate: I hereby declare that the contents of the consignment are fully and accurately described 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: 22/11/2019 <i>Pravin</i> Authorized Signatory	
13 Transporter Acknowledgement of Receipt of Wastes			
Stamp of: AT Post: Nahuli, Tal- Umbergam Dist: Valsad - 396 001		Date: 22/11/2019 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	20.945	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

22/11/2019

1 ( Through XGN )

N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Manifest)		Manifest No: 973070 29/11/2019	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/DAHEJ/FT/042		
4 Vehicle No & Type :	GJ15XX9180 - 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 :	22.585 Metric Tonne	Containers: 0	
Consistency :	Solid		
11 Waste Description :	SALT		
12 Occupier's Certificate: I hereby declare that the contents of the consignment are fully and accurately described 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: 29/11/2019 <i>Pravin</i> Authorized Signatory	
13 Transporter Acknowledgement of Receipt of Wastes			
Stamp of: AT Post: Nahuli, Tal- Umbergam Dist: Valsad - 396 001		Date: 29/11/2019 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	22.585	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

29/11/2019

1 ( Through XGN )

N I C



Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 975014 02/12/2019	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 :	Forum Transport, Nahuilumargan Ph: 999112484		
3 Transporter's Registration No :	BEIL/Dahej/PT/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		
9 Total Quantity :	22.710 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 described above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road.			
<b>ASHA CELLULOSE (I) PVT. LTD.</b> Near Water Works, Abrama, Valsad - 396 001. Name & Stamp of Industry Date: 02/12/2019 Authorized Signatory Signature			
13 Transporter Acknowledgment of Receipt of Wastes. <b>FORAM TRANSPORT</b> At Post: Nahuil, Tal-Umbergam Stamp of At Valsad - 396 006 Transport Date: 02/12/2019 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	22.710	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

02/12/2019

1 (Through XGN)

N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 979129 07/12/2019	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 :	Forum Transport, Nahuilumargan Ph: 9879012099		
3 Transporter's Registration No :	BEIL/Dahej/PT/042		
4 Vehicle No & Type :	GJ15CX9180 - 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 :	20.325 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 described above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road.			
<b>ASHA CELLULOSE (I) PVT. LTD.</b> Near Water Works, Abrama, Valsad - 396 001. Name & Stamp of Industry Date: 07/12/2019 Authorized Signatory Signature			
13 Transporter Acknowledgment of Receipt of Wastes. <b>FORAM TRANSPORT</b> At Post: Nahuil, Tal-Umbergam Stamp of At Valsad - 396 006 Transport Date: 07/12/2019 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	20.325	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

07/12/2019

1 (Through XGN)

N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 982205 11/12/2019	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 :	Forum 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		
8 Waste Description & Codes :	26.1		
9 Total Quantity :	20.405 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 described above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road.			
<b>ASHA CELLULOSE (I) PVT. LTD.</b> Near Water Works, Abrama, Valsad - 396 001. Name & Stamp of Industry Date: 11/12/2019 Authorized Signatory Signature			
13 Transporter Acknowledgment of Receipt of Wastes. <b>FORAM TRANSPORT</b> At Post: Nahuil, Tal-Umbergam Stamp of At Valsad - 396 006 Transport Date: 11/12/2019 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	20.405	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

11/12/2019

1 (Through XGN)

N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 987431 18/12/2019	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 :	Forum 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		
8 Waste Description & Codes :	26.1		
9 Total Quantity :	21.525 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 described above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road.			
<b>ASHA CELLULOSE (I) PVT. LTD.</b> Near Water Works, Abrama, Valsad - 396 001. Name & Stamp of Industry Date: 18/12/2019 Authorized Signatory Signature			
13 Transporter Acknowledgment of Receipt of Wastes. <b>FORAM TRANSPORT</b> At Post: Nahuil, Tal-Umbergam Stamp of At Valsad - 396 006 Transport Date: 18/12/2019 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	21.525	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

18/12/2019

1 (Through XGN)

N I C



Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 989935 21/12/2019	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 : Forum Transport, Nalul,Umargaoon Ph: 9879012099		
3	Transporter's Registration No : BEIL/Dahej/FT/042		
4	Vehicle No & Type : GJ15XX9180 - 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 : 20.600 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 described 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		
<p>ASHA CELLULOSE (I) Pvt.Ltd. Near Water Works, Abrama, Valsad - 396 001, Name &amp; Stamp of Industry</p> <p>Date: 21/12/2019 <i>Authorised Signatory</i></p>			
13	Transporter Acknowledgment of Receipt of Wastes. Stamp of Valsad - Forum Transport At Post: Nalul, Tal- Umbergam Stamp of Valsad - Forum Transport Date: 21/12/2019 0:00 <i>Signature</i>		
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	20.600	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

21/12/2019

1 ( Through XGN )

N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 992979 25/12/2019	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 : Forum Transport, Nalul,Umargaoon Ph: 9909112484		
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		
9	Total Quantity : 21.620 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 described 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		
<p>ASHA CELLULOSE (I) Pvt.Ltd. Near Water Works, Abrama, Valsad - 396 001, Name &amp; Stamp of Industry</p> <p>Date: 25/12/2019 <i>Authorised Signatory</i></p>			
13	Transporter Acknowledgment of Receipt of Wastes. Stamp of Valsad - Forum Transport At Post: Nalul, Tal- Umbergam Stamp of Valsad - Forum Transport Date: 25/12/2019 0:00 <i>Signature</i>		
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	21.620	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

25/12/2019

1 ( Through XGN )

N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 999041 01/01/2020	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 : Forum Transport, Nalul,Umargaoon Ph: 9909112484		
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		
9	Total Quantity : 22.425 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 described 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		
<p>ASHA CELLULOSE (I) Pvt.Ltd. Near Water Works, Abrama, Valsad - 396 001, Name &amp; Stamp of Industry</p> <p>Date: 01/01/2020 <i>Authorised Signatory</i></p>			
13	Transporter Acknowledgment of Receipt of Wastes. Stamp of Valsad - Forum Transport At Post: Nalul, Tal- Umbergam Stamp of Valsad - Forum Transport Date: 01/01/2020 0:00 <i>Signature</i>		
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	22.425	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

01/01/2020

1 ( Through XGN )

N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 1006049 10/01/2020	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 : Forum Transport, AT POST NALUL Ph: 9879012099		
3	Transporter's Registration No : BEIL/Dahej/SS/070		
4	Vehicle No & Type : GJ1V4064 - 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 : 19.490 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 described 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		
<p>ASHA CELLULOSE (I) Pvt.Ltd. Near Water Works, Abrama, Valsad - 396 001, Name &amp; Stamp of Industry</p> <p>Date: 10/01/2020 <i>Authorised Signatory</i></p>			
13	Transporter Acknowledgment of Receipt of Wastes. Stamp of Valsad - Forum Transport At Post: Nalul, Tal- Umbergam Stamp of Valsad - Forum Transport Date: 10/01/2020 0:00 <i>Signature</i>		
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	19.490	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds	

10/01/2020

1 ( Through XGN )

N I C



Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 1014158 22/01/2020	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, AT POST NAHOLI Ph: 9879012099								
3 Transporter's Registration No :	BEIL/DAHEJ/SS070								
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								
8 Waste Description & Codes :	26.1								
9 Total Quantity :	19.450 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 described 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.								
<b>ASHA CELLULOSE (I) PVT.LTD.</b> Near Water Works, Abrama, Valsad - 396 001. Name & Stamp of Industry Date: 22/01/2020									
13 Transporter Acknowledgement of Receipt of Wastes.	<b>FORAM TRANSPORT</b> At Post: Naholi, Tal-Umbergam Stamp of Transporter Date: 22/01/2020 0:00								
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:								
<table border="1"> <thead> <tr> <th>Sr</th> <th>Quantity</th> <th>Hazardous Waste Type</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>19.450</td> <td>26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds</td> </tr> </tbody> </table>				Sr	Quantity	Hazardous Waste Type	1	19.450	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds
Sr	Quantity	Hazardous Waste Type							
1	19.450	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds							

22/01/2020 1 ( Through XGN ) N I C

Bharuch Enviro Infrastructure Ltd is -Dahej (Hazardous Waste Manifest)		Manifest No: 1016602 25/01/2020	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 :	Form Transport, Naholi,umargam Ph: 9959112484								
3 Transporter's Registration No :	BEIL/DAHEJ/PT/042								
4 Vehicle No & Type :	GJ00XX1691 - 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 :	21.670 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 described 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.								
<b>ASHA CELLULOSE (I) PVT.LTD.</b> Near Water Works, Abrama, Valsad - 396 001. Name & Stamp of Industry Date: 25/01/2020									
13 Transporter Acknowledgement of Receipt of Wastes.	<b>FORAM TRANSPORT</b> At Post: Naholi, Tal-Umbergam Stamp of Transporter Date: 25/01/2020 0:00								
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:								
<table border="1"> <thead> <tr> <th>Sr</th> <th>Quantity</th> <th>Hazardous Waste Type</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>21.670</td> <td>26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds</td> </tr> </tbody> </table>				Sr	Quantity	Hazardous Waste Type	1	21.670	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds
Sr	Quantity	Hazardous Waste Type							
1	21.670	26.1 - Process Waste Sludge/Residues Containing Acid, Toxic Metals, Organic compounds							

25/01/2020 1 ( Through XGN ) N I 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 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<sup>3</sup>/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.

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.

All transportation of Hazardous chemicals shall be as per the motor vehicle Act (MVA), 1989.

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.



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

[illegible]

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

[illegible]

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 (SHS)	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.	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.
	Fire fighting system shall be as per norms.	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 herewith.

## RECORDS FOR OCUPATIONAL HEALTH & MEDICAL CHECK UP

ASHA CELLULOSE (PVT) LTD-MEDICAL SUMMARY-2020																									
DATE	NAME	DEPT	DESIG	AGE	SEX	HT	WT	BP	HR	SKIN	HEM	S. CR	GLU	HB	URIC	FT	FT	FT	FT	FT	FT	FT	FT	REMARK	
1	2021/03/20	SURESH B PARMAR	ERS	ACPL	64	74	162	61	25.91	NB	68	130/90	18	Nad	200	0.84	18	4500	12.30	1.54	WNL	Nad	WNL	FE	DM-As (Uncontrolled)
2	2021/03/20	GAUTAMRAJ P MAOHA	RSD	ACPL	67	64	163	44	24.09	NB	72	140/80	16	Nad	76	0.91	24	8300	12.70	1.54	WNL	Nad	WNL	FE	RD-M-As
3	2021/03/20	SUNIL B PATEL	PROD	ACPL	44	58	159	70	18.91	NB	60	130/80	15	Nad	91	0.89	24	7400	12.30	1.54	WNL	Nad	WNL	FE	Reflexive error as
4	2021/03/20	KUNAL K MISTRY	ACCOUNT	ACPL	27	74	175	50	24.16	NB	78	130/80	16	Nad	81	0.83	20	7700	12.30	1.54	WNL	Nad	WNL	FE	Nad
5	2021/03/20	HEMANT R PATEL	PACKING	ACPL	39	67	171	51	22.91	NB	78	160/100	18	Nad	60	0.98	29	5000	12.30	1.54	WNL	Nad	WNL	FE	SP-WF
6	2021/03/20	KALPESH D DESAI	ACCOUNT	ACPL	62	63	169	44	22.98	NB	80	130/70	18	Nad	80	0.81	21	5000	12.10	1.54	WNL	Nad	WNL	FE	HT-As
7	2021/03/20	RAJESH R VASHE	QA	ACPL	66	67	175	70	28.41	NB	78	130/70	15	Nad	75	0.82	20	5500	12.70	1.54	WNL	Nad	WNL	FE	HT-As
8	2021/03/20	VILAS N SHAI	QC	ACPL	61	78	166	44	28.31	NB	84	150/90	18	Nad	88	0.71	11	5500	12.80	1.54	WNL	Nad	WNL	FE	Nad
9	2021/03/20	DEVANG J GHADYALI	PROD R1	ACPL	40	68	168	70	23.11	NB	78	150/90	17	Nad	55	0.90	38	4800	13.80	1.54	WNL	Nad	WNL	FE	DM-As
10	2021/03/20	JAGDISH M MAHURIA	PROD R2	ACPL	54	72	178	48	22.72	NB	68	140/90	18	Nad	167	0.78	28	8200	13.40	1.54	WNL	Nad	WNL	FE	RD-DM
11	2021/03/20	SHANMESH D PATEL	PROD R2	ACPL	39	65	168	44	24.04	NB	78	130/90	18	Nad	90	0.78	13	7400	12.30	1.54	WNL	Nad	WNL	FE	Nad
12	2021/03/20	RAJULSHAI K PATEL	PROD R1	ACPL	43	68	168	51	24.24	NB	78	140/90	18	Nad	75	0.91	19	7100	12.20	1.54	WNL	Nad	WNL	FE	Asym-Med
13	2021/03/20	RAJESHKUMAR K RATHO	ASHA NOTE	ACPL	23	60	160	44	23.44	NB	84	140/80	18	Nad	90	0.70	30	7100	12.70	1.54	WNL	Nad	WNL	FE	HT-As
14	2021/03/20	SHANMESH M RATHO	ACCOUNT	ACPL	38	68	173	51	25.73	NB	68	130/90	18	Nad	62	0.80	19	7000	13.80	1.54	WNL	Nad	WNL	FE	Nad
15	2021/03/20	SAHAJ V D PATEL	QC	ACPL	40	68	160	51	22.76	NB	82	130/90	18	Nad	81	0.72	18	6100	12.80	1.54	WNL	Nad	WNL	FE	Reflexive error as
16	2021/03/20	ANUPAM M PATEL	PROD R1	ACPL	57	77	178	70	24.98	NB	82	150/90	18	Nad	76	0.77	15	4900	14.80	1.54	WNL	Nad	WNL	FE	Reflexive error as
17	2021/03/20	DEEPAKANDRA M PATEL	PROD R1	ACPL	42	77	168	70	26.46	NB	68	120/70	18	Nad	88	0.78	18	5200	12.30	1.54	WNL	Nad	WNL	FE	Reflexive error as
18	2021/03/20	RISHAB D PATEL	QC	ACPL	30	79	168	51	21.67	NB	72	120/80	18	Nad	80	0.88	17	4800	13.80	1.54	WNL	Nad	WNL	FE	Nad
19	2021/03/20	ARVINDHUSEN C KHARJA	PROD R2	ACPL	43	54	160	70	21.80	NB	78	110/70	18	Nad	66	0.78	10	6500	12.80	1.54	WNL	Nad	WNL	FE	Nad
20	2021/03/20	HARISHODRA N CHAUDHAN	MAINT	ACPL	64	68	160	51	25.34	NB	68	180/90	18	Nad	116	0.68	22	5700	13.00	1.54	WNL	Nad	WNL	FE	HT-As
21	2021/03/20	USHA D PATEL	MAINT	ACPL	34	67	165	51	27.99	NB	60	130/80	15	Nad	213	0.78	10	6300	12.10	1.54	WNL	Nad	WNL	FE	RD-DM
22	2021/03/20	KUNAL R PATEL	QC	ACPL	23	58	158	44	15.81	NB	72	120/80	18	Nad	96	0.78	20	7100	13.10	1.54	WNL	Nad	WNL	FE	Nad
23	2021/03/20	AKASHKUMAR P LAD	QC	ACPL	23	64	168	51	22.80	NB	82	140/90	18	Nad	61	0.80	19	6900	13.00	1.54	WNL	Nad	WNL	FE	Nad
24	2021/03/20	RITESHKUMAR C TANGEL	PACKING	ACPL	37	68	164	51	24.17	NB	74	110/70	18	Nad	98	0.78	16	7200	12.40	1.54	WNL	Nad	WNL	FE	Nad
25	2021/03/20	PRANAVSHR J PATEL	QC	ACPL	41	60	158	70	23.73	NB	64	140/90	18	Nad	70	0.84	18	6400	13.10	1.54	WNL	Nad	WNL	FE	Nad
26	2021/03/20	MAHESH N LAD	QC	ACPL	33	60	164	48	22.31	NB	78	130/70	18	Nad	95	0.75	13	7000	12.80	1.54	WNL	Nad	WNL	FE	Nad
27	2021/03/20	AKAY S BAVAT	ASHA NOTE	ACPL	22	52	170	70	17.99	NB	72	130/90	18	Nad	77	0.60	22	6100	12.80	1.54	WNL	Nad	WNL	FE	Nad
28	2021/03/20	DILIP P PATEL	PROD R1	ACPL	44	68	160	51	23.78	NB	78	140/90	18	Nad	95	0.83	20	7400	12.30	1.54	WNL	Nad	WNL	FE	Reflexive error as
29	2021/03/20	SAVAN D PATEL	PROD R2	ACPL	38	72	168	70	26.46	NB	80	140/90	18	Nad	68	0.88	29	6800	13.80	1.54	WNL	Nad	WNL	FE	Nad
30	2021/03/20	MET P PATEL	MAINT	ACPL	28	59	160	70	23.08	NB	68	120/70	18	Nad	70	0.81	21	9700	12.80	1.54	WNL	Nad	WNL	FE	Reflexive error as
31	2021/03/20	ASHISHK N PATEL	MEE PLANT	ACPL	24	57	159	70	18.96	NB	78	130/70	18	Nad	98	0.82	36	8900	13.80	1.54	WNL	Nad	WNL	FE	Reflexive error as
32	2021/03/20	TEJASVI B PRADAPATE	ASHA NOTE	ACPL	34	44	160	70	18.41	NB	60	130/80	15	Nad	62	0.77	18	6500	13.40	1.54	WNL	Nad	WNL	FE	Reflexive error as
33	2021/03/20	SHANMESH A PATEL	PROD	ACPL	53	51	151	44	22.37	NB	82	130/90	18	Nad	76	0.70	11	9900	12.50	1.54	WNL	Nad	WNL	FE	Nad
34	2021/03/20	RAMJI B PATEL	ACCOUNT	ACPL	60	79	169	70	27.99	NB	74	160/100	18	Nad	62	0.80	19	6300	12.80	1.54	WNL	Nad	WNL	FE	HT-As
35	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
36	2021/03/20	TEJASVI D PATEL	ETP R2	ACPL	27	74	168	44	25.91	NB	60	140/70	18	Nad	98	0.88	19	6100	15.30	1.54	WNL	Nad	WNL	FE	SP-WF
37	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
38	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
39	2021/03/20	TEJASVI D PATEL	ETP R2	ACPL	27	74	168	44	25.91	NB	60	140/70	18	Nad	98	0.88	19	6100	15.30	1.54	WNL	Nad	WNL	FE	SP-WF
40	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
41	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
42	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
43	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
44	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
45	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
46	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
47	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
48	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
49	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
50	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
51	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
52	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
53	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
54	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
55	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
56	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51	23.18	NB	82	110/70	18	Nad	76	0.80	22	6300	12.70	1.54	WNL	Nad	WNL	FE	Nad
57	2021/03/20	SAGAR J PRADAPATE	ASHA NOTE	ACPL	28	60	159	48	23.73	NB	82	130/80	18	Nad	80	0.64	20	5500	13.80	1.54	WNL	Nad	WNL	FE	Nad
58	2021/03/20	JALINDAS S ANBI	MEE PLANT	ACPL	22	67	170	51																	

46	2021/03/20	PRADIP K MISTRY	PROD R1	ACPL	44	53	170	70	18.34	NB	78	120/70	15	Nad	95	0.84	18	5900	11.10	1.54	WNL	Nad	WNL	FE	Reflexive error as
47	2021/03/20	ANUP M PRADAPATE	PROD R1	ACPL	34	58	168	48	21.30	NB	78	130/80	18	Nad	90	0.70	20	5000	12.40	1.54	WNL	Nad	WNL	FE	Nad
48	2021/03/20	UMIT D PATEL	MEE PLANT	ACPL	26	73	172	70	24.49	NB	74	120/70	15	Nad	87	0.88	26	6100	12.20	1.54	WNL	Nad	WNL	FE	Nad
49	2021/03/20	SUBHASH M PATEL	PROD R2	ACPL	50	68	168	44	24.24	NB	68	170/100	15	Nad	84	0.80	15	6000	12.50	1.54	WNL	Nad	WNL	FE	HT-As
50	2021/03/20	HYTAN B PATEL	PROD R2	ACPL	23	42	168	70	15.34	NB	84	150/90	18	Nad	81	0.88	22	6700	12.80	1.54	WNL	Nad	WNL	FE	Asym-Med
51	2021/03/20	CHITANAN M PANDYA	QA	ACPL	38	59	154	70	24.88	NB	68	160/110	18	Nad	77	0.84	19	7300	11.30	1.54	WNL	Nad	WNL	FE	SP-WF
52	2021/03/20	SABULAL B MEHTA	DIRECTOR	ACPL	79	79	159	41	31.25	NB	84	160/80	18	Nad	294	0.89	24	5400	12.30	1.54	WNL	Nad	WNL	FE	RD-DM
53	2021/03/20	NAJESH M MEHTA	DIRECTOR	ACPL	43	78	168	70	26.95	NB	80	160/80	18	Nad	88	0.83	20	6200	12.20	1.54	WNL	Nad	WNL	FE	RD-DM
54	2021/03/20	SAMIT D SHAI	OPERATION	ACPL	47	79	173	44	26.40	NB	80	120/80	18	Nad	89	0.88	24	6700	11.40	1.54	WNL	Nad	WNL	FE	Nad
55	2021/03/20	SRINIVAS	DIRECTOR	ACPL	56	63	181	64	24.37	NB	81	120/60	18	Nad	130	0.68	28	1400	14.80	1.57	WNL	Nad	WNL	FE	FF-As



ASHA CELLULOSE (I) PVT LTD MEDICAL 2020-FINDINGS				DR R H AGRAWAL MBBS, DIH, AFIH				
NO	PT_NAME	DEPT	BP	HB	B.S CLIN DIA1	ADVICE1	ADVICE2	ADVICE3
1	RAJUBHAI K PATEL	PROD R1	140/80	10.20	75 Anaemia-Mild	Diet rich in iron to be consumed.	Tab Mexex 1-0-1 x 3 days & rpt after 1wk	Cap Raricap 0-0-1 (AD) for 3 mt.
2	HITEN B PATEL	PROD R2	150/90	9.60	81 Anaemia-Mild	Diet rich in iron to be consumed.	Tab Mexex 1-0-1 x 3 days & rpt after 1wk	Cap Raricap 0-0-1 (AD) for 3 mt.
3	HEMANT R PATEL	PACKING	160/100	12.90	82 BP (W/F)	SRD. Reduced Ghee & Oil in diet.	Regular BP monitoring with FMO & sos Rx	
4	TYOTSANA M PANDYA	QA	150/110	11.30	77 BP (W/F)	SRD. Reduced Ghee & Oil in diet.	Regular BP monitoring with FMO & sos Rx	
5	BAKUL C DESAI	PROD R2	130/90	12.70	218 DM+HT-(kc)	Diabetic diet. Regular exercise.SRD	CT Telmisinid H 1-0-0 (ABF)	CT Metformin 500 mg 1-0-0 (ABF) ok
6	DEVANG J GHADIYALI	PROD	150/90	13.80	325 DM-kc	Diabetic diet. Regular exercise.	CT GM2 / 500 1-0-0 (BRF)	To monitor Blood sugar regularly.
7	KALPESH C DESAI	ACCOUNT	130/70	12.10	80 HT-kc	SRD. Reduced Ghee & Oil in diet.	CT Telmisartan 40 mg 1-0-0 (ABF)	To monitor BP regularly.
8	RAJESH B VASHI	QA	130/70	12.70	75 HT-kc	SRD. Reduced Ghee & Oil in diet.	CT Aginal AT 1-0-0 (ABF)	To monitor BP regularly.
9	HARENDRA N CHAUDHAN	MAINT	160/90	13.00	116 HT-kc	SRD. Reduced Ghee & Oil in diet.	CT Losartan 50 1-0-0 (ABF)	To monitor BP regularly.
10	JAYESH R SURTI	QC	120/80	13.70	92 HT-kc	SRD. Reduced Ghee & Oil in diet.	CT Amlipine-TMT (5+40) 1-0-0 (ABF)	To monitor BP regularly.
11	PIYUSH K MISTRY	STORE	150/100	12.90	82 HT-kc	SRD. Reduced Ghee & Oil in diet.	CT LTK-H 1-0-0 (ABF)	To monitor BP regularly.
12	SUBHASH M PATEL	PROD R2	170/110	12.80	84 HT-kc	SRD. Reduced Ghee & Oil in diet.	CT Rivelol-AM 1-0-0 (ABF)	(Today dose is pending \ done night)

*[Signature]*  
Dr. Ramesh H. Agrawal  
M.B.B.S., DIH, AFIH (GLI)  
Reg. No. MMC (01010)  
Reg. No. GLI (0292)

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Mob.: 098203-40639

**Dr. Ramesh H. Agrawal**  
(Consulting Industrial Health Physician) **M.B.B.S., DIH, AFIH**  
**Status of Authorised Certifying Surgeon**

Ashwath Building D-0804, Lokgum, Noida (UP-201 304, Dist Thane (U.P.)) • E-mail ID: dragrawal\_rmh@rediffmail.com

Ref. No. : \_\_\_\_\_

Date : \_\_\_\_\_

JAN: 2020

It is to state that I the undersigned have done the annual medical examination of

ASHA CELLULOSE (I) PVT LTD IN JAN 2020 FOR (120) EMPLOYEES and the positive health findings are as mentioned below, however no person has be found to be having any occupational disease.

ASHA CELLULOSE (I) PVT. LTD. POSITIVE HEALTH FINDING IN MEDICAL 2020 JAN	
Anaemia-Mild	2
BP-(W/F)	2
DM+HT-(kc)	1
DM-kc	1
HT-kc	6

Medical advice has been suggested accordingly.

Thanks

*[Signature]*  
**Dr. Ramesh H. Agrawal**  
M.B.B.S., DIH, AFIH (GLI)  
Reg. No. MMC (01010)  
Reg. No. GLI (0292)



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

COMPANY NAME : ASHA CELLULOSE (I) PVT LTD      DATE : 24/01/2020  
DEPT : MAINT      EMP\_CODE : 20005  
NAME : SUDHIR R PATEL      AGE : 48 yrs.      NO : 183  
HEIGHT : 165 c.m.      SEX : M      WEIGHT : 76 kg.

**Present Complaints:** No complaints.

**Past History** : Non significant.

**Personal History** : Non significant.

**Family History** : Non significant.

**GENERAL EXAMINATION** :  
Temp : Afebrile      Pulse : 86 /min Regular      BP:140/80 mm of Hg.  
Pallor, Icterus, Cyanosis, Clubbing : No

**CARDIO VASCULAR SYSTEM** : NAD (No abnormality is detected)

**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      GLASSES      Y  
Right      N60      F50      GLASSES      Y  
Left      N25      F50      GLASSES      Y  
Colour Vision : Acceptable

**E.N.T.** : NAD

**OTHER FINDINGS** : Nil

**Dr. AGRAWAL DIAGNOSTIC CENTRE**

COMPANY NAME : ASHA CELLULOSE (I) PVT LTD  
NAME : SUDHIR R PATEL      NO : 183

LABORATORY INVESTIGATIONS			
HAEMATOLOGY :		PATIENT'S VALUE :	NORMAL RANGE
Total RBC Count	: 5.00	millions	4 to 5 millions.
Total WBC Count	: 5.900	Thousand	4 to 10 Thousand.
Total PLATELET	: 2.20	LACS	1.5 to 4.5 LACS.
Haemoglobin	: 14.00	gm %	14 to 16 gm% [M] 12 to 14 gm% [F]

Differential Count			
polymorphs	: 61 %		45 to 65 %
Eosinophils	: 4 %		1 to 5 %
Basophils	: 0 %		0 to 1 %
Monocytes	: 1 %		01 to 04 %
Lymphocytes	: 34 %		25 to 45 %

ESR : 06 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 : 0.75 mg/dl      (Normal Range: 0.6 To 1.7 mg/dl)

SGPT Test : 15 IU/ml      (Normal Range : 5 to 35 IU/ml )

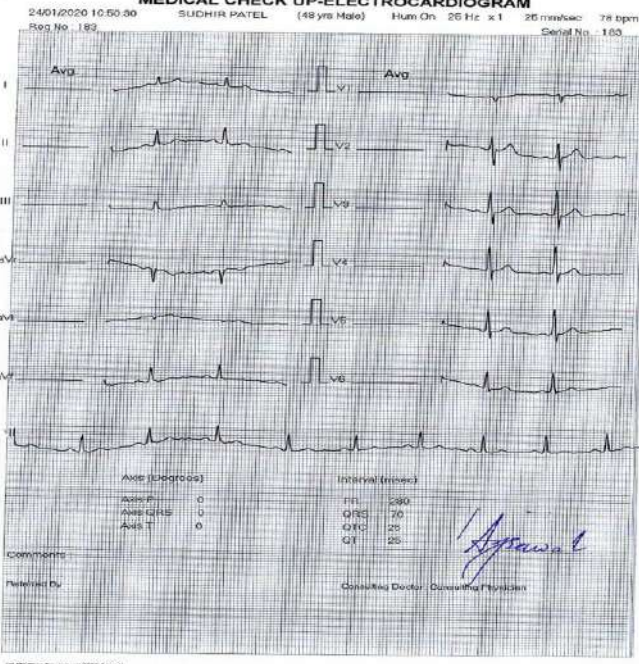
BLOOD GROUP : B+

EXTRA TEST : No

**URINE EXAMINATION :**

**PHYSICAL EXAMINATION** :  
Quantity : 15 c.c.      Deposit : No.  
Colour : Pale-yellow      Reaction : acidic  
Appearance : Clear      Specific Gravity: 1.018  
**CHEMICAL EXAMINATION**  
Albumin : Absent      Bile Salt : Absent  
Sugar : Absent      Bile Pigment : Absent  
Acetone : Absent.      Occult blood : Absent  
**MICROSCOPIC EXAMINATION**  
Epithelial Cells : Absent  
Bacteria : 1-2      Casts : Absent  
RBC : Absent      Crystals : Absent  
Pus Cells : 1-2      Other Findings : Nil

**MEDICAL CHECK UP-ELECTROCARDIOGRAM**



MAINT	Department Works	Medical examination	If declared unfit for work
REACTION, FILTRATION, GRANULATION	Name of Hazardous process	12	
REACTION, FILTRATION, GRANULATION	Dangerous process/operation	13	
WORKER	Nature of job or occupation	14	
SOLVENT, AC. ACID, HCL, CAUSTIC	Raw materials, products or By-products likely to be exposed to	15	
01.10.1998	Date of posting	16	
N.A.	Date of leaving/transfer or transfer	17	
N.A.	Reasons for Discharge/ leaving or transfer	18	
24.01.2020	Date	19	
NIL	Signs and symptoms Observed during examination	20	
AS PER MEDICAL FILE	Nature of tests & results thereof	21	
FIT	Result Fit/Unfit Results	22	
N.A.	Period of temporary Withdrawal from that work	23	
N.A.	Reasons for such withdrawal	24	
N.A.	Date of declaring him Unfit for that work	25	
30.01.2020	Date of issuing fitness Certificate	26	
Dr. RANESH H. AGRAWAL	Signature with date of the Factory Medical Officer/ the Certifying Surgeon.	27	

Dr. RANESH H. AGRAWAL  
M.B.B.S., (DH, AF&G) (CU)  
Reg. No. MM2 (01018)  
Reg. No. CU (0292)

FORM NO. 32  
(Prescribed under Rule 97-T and 102)  
Health Register  
1. Serial Number in the Register of adult Workers : ASHA CELLULOSE (I) PVT LTD  
2. Name of Worker : SUDHIR R PATEL (EMP CODE 20005)  
3. Sex : MALE  
4. Date of birth : 20.11.1971



# Dr. AGRAWAL DIAGNOSTIC CENTRE

COMPANY NAME : ASHA CELLULOSE (I)PVT LTD

NAME : SUDHIR R PATEL

SR. NO : 183

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):	30	30	25	25	20	15	20	15	05
Left (DB):	30	25	30	35	20	10	30	25	15

DIAGNOSIS : Nad

TREATMENT ADVISED : Nil

*Agrawal*

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

## MEDICAL CHECK-UP-SPIROMETRY

ALAKHANDA BUILDING D-3304, LOKGRAM, KATYAW-E

Sr. No. : 183

Date : 24-Jan-2020

ID : 311

Height : 165 cms

Ethnic Group : Indian

Name : SUDHIR R PATEL

Weight : 76 kgs

Predicted : Indian

Age & Sex : 48 yrs old MALE

BSA : 1.87 sq mtr.

Smoker : No

History :

Medication :

Comment :

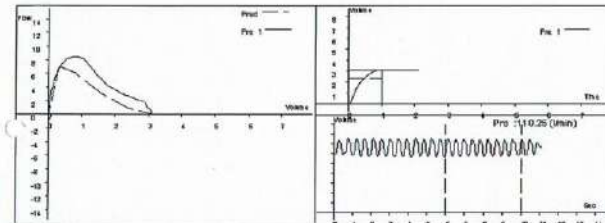
Operator : Administrator

### Spirometry Test Parameters

Abbr.	Unit	Prod.	Pre-Medication Obs. %Prod.	Post-Medication Obs. %Prod.
Best FVC	l	3.18	158	0.00
Best FEV1	l	2.36	131	0.00
Best PEF	l/s	7.06	8.41	119

Abbr.	Unit	Prod.	Pre-Medication Obs. %Prod.	Imp
FEV1/FVC	%	74.21	89.88	135.98
FEV1/25.75	%	74.21	89.88	135.98

Abbr.	Unit	Prod.	Pre-Medication Obs. %Prod.	Imp
MEF50	l	88.07	110.25	115.00



*Agrawal*

Referring Doctor :

(INDUSTRIAL PHYSICIAN)

Dr. Ramesh H. Agrawal

xix Green belt over 6325 m<sup>2</sup> 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



## Layout Plan



### COLOUR NOTE :

EXTENSION WORK SHOWN IN PINK  
APPROVED WORK SHOWN IN GREEN  
PLOT BOUNDARY SHOWN IN BROWN  
FIRE HYDRENT LINE SHOWN IN RED  
GUTTER WORK SHOWN IN BLUE  
OPEN GREEN AREA SHOWN IN GREEN

ALL DIMENSION ARE IN METER

S. No	Particulars of Area	Existing (m <sup>2</sup> )	After Expansion (m <sup>2</sup> )
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





**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 15 <sup>th</sup> 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.

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 14<sup>th</sup> September, 2006 and subsequent amendment S.O. 3067 (E) dated 1<sup>st</sup> 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 S(1) 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 Saurashtra 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.

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

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

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



As per the Ministry of Environment and Forests, Government of India, New Delhi, vide its notification no. E.O.16333(E) dated 14/09/2006, Public Hearing is fixed for the following project cover under Category 'A' **M/s. Asha Cellulose (II) Private Ltd.,** for Expansion of Existing Capacity of Ethyl Cellulose Plant from 20 TPM to 99.59 TPM, at : Survey No.: 303/2 & 302/P, Village: Abraroti, Tal. District: Valsad, (Gujarat). The statement showing Participants present during Public Hearing held on 15<sup>th</sup> December, 2012 at 11:00 a.m. at Shree Saaurashtra Patel Kadva Padidar Samaj Hall, Dharmpur Char Rasta, NH-6, Valsad, is as under:





બાદત સરકારના વાલ કાલે પેરોવણક મંજાવલ, નવી દિલ્હીના જાહેરનામા ક્રમાંક-એલ.વો. ૧૫૩૪ (ઇ) તા. ૧૪-૦૭-૨૦૦૬ અન્વયે કેટલીક 'ચો' માં આવાસી લેવાલેલ મેસર્સ. આશા રોડ્સલોલ (ઇ) પાઇકલ લિમિટેડ, સર્વે નં. ૪૦૪/૨ અલે ૩૦૨/૫, ગામઃ અગ્રદામા. તા. જિ. વલસાડ (ગુજરાત) નેના લગતલ છણાઇલ રોડ્સલોલ ૨૦ ટીપી.એમ. પાલ્લની ઉપાલેન લખતલ ૭૭.૭૬ ટીપી.એમ. વધારા ટીપી.એમ. સુધિલ પારિચોજના (પ્રોજેક્ટ) ની અરજ અનુસંધાને લીડ સુનાવણીનું આયોજન કરવામાં આવેલ છે.

તા. ૧૫/૧૨/૨૦૧૨ ના રોજ સવારે ૧૧.૦૦ કલાકે શ્રી. સૌરાષ્ટ્ર પટેલ કલ્યાણ ખાતેનાર સમાજ હોલ, મરમુખર ચારસ્તા, રાષ્ટ્રીય ધોરીમાર્ગ -૮, વલસાડ, (ગુજરાત) ખાતે યોજવામાં આવેલ લોક સુનાવણીમાં હાજર રહેના જોડોની યાદી :

Sr.No. सं०	Name and Designation नाम व पद	Organization/Village संस्था/ग्राम	Sign हस्ताक्षर
1	Robin Sult	Valsad	R Sult
2	Sanil Patel	Valsad	SP
3	Babubhai B Mohit	Valsad	B -
4	Dr. Hemant Kumar Nish	Surat	H Nish
5	Dr. Hemant	Vgp	H Nish
6	Rajul Bhatt	Vgp	R Bhatt
7	Ramrishi Patel	Valsad	R Patel

[illegible]

Sr.No. શ્રીસ	Name and Designation નામ અને શીર્ષક	Organization/Village સંસ્થા/ગ્રામ	Sign સહી
15	Gyimesh . N. Ahir	Kanjanhari	Gyimesh
16	Krushnakant . S Dab	Absermga	Krushnakant
17	Jayesh R. Surai	Dhargori	Surai
18	Sudhir R. Patel	Absermga	Patel
19	Sanjay A. Joshi	Vapi	Joshi
20	Chabils P. Jagasetha	Vapi	Chabils
21	Ketan Lakhani	Vapi	Ketan
22	Savita Upadhyay	Valaad	Savita
23	Yogesh Joshi	Vapi	Joshi
24	Megha Sharma	Vapi	Megha
25	Ushma Pandya	Vapi	Ushma
26	Divyesh R. Damania	Surat	Divyesh
27	Medhansu Patel	Surat	Medhansu
28	Shobhan Patel	Dhargori	Shobhan

Sr.No.	Name and Designation नाम અને ફોજી	Organization/Village સંસ્થા/ગામ	Sign સહી
29	Dilek A Patel	Thakurvada	DAP
30	S. K. Mandi	Atul	
31	chetan. n. Patel	Atgam	<u>Patel</u>
32	Dharmendra Bhui A Patel	Baru U.	Patel, DA
33	Sushil Kumar, N. Patel.	Fernandwadi.	S.N. Patel.
34	Kunshik S. Patol	Abnara	K.S. Patel
35	Purba mibh. N. Somaliker	BMP	N. Somaliker
36	Ramesh S. N. Patol	Ramesh S. N. Patol	N. Patol
37	Sungodwar	N. Somaliker	N. Somaliker
38	Ramesh S. N. Patol	N. Somaliker	N. Somaliker
39	Dharmendra Patel	Valsad.	
40	S. K. Mandi	Atul	
41	Pavimala D. D. D.	Abnara	<u>Patel</u>
42	D. D. D. D. D.	Abnara	



Sr.No. ક્રમ નં	Name and Designation નામ અને ડિઝિગેશન	Organization/Village સંસ્થા/ગ્રામ	Sign સહી
43	Bhaskar J. Chitroy	Asha Ram Colos Valsad	[Signature]
44	Tulsi Shankar Beda	Atakpardi Valsad	[Signature]
45	Bipin L. Sheth	Tugwa Rakhai D.P. Rakhai, Valsad	[Signature]
46	Kirit V. Patel	Hakur Nanukwad Valsad	[Signature]
47	Kalpesh C. Desai	Hilbert Nanukwad, Valsad	[Signature]
48	Kamli M. Patel	Valsad Tithi Road	[Signature]
49	Hiren R. Desai	Vajifdar Street Holen, Valsad	[Signature]
50	Yashwant J. Patel	Tithi Road Valsad	[Signature]
51	Sunil B. Patel	Susva, Valsad	[Signature]
52	Dilip H. Patel	Abraham	[Signature]
53	Jinabhai S. Bhal	Abraham	[Signature]
54	Akash M. Patel	Abraham	[Signature]
55	Ajay M. Patel	Abraham	[Signature]
56	Ramesh C. Patel	Anilay	RLP

Sr.No. ક્રમ નં	Name and Designation નામ અને ડિઝિગેશન	Organization/Village સંસ્થા/ગ્રામ	Sign સહી
57	R.C. Parekh	Valsad	[Signature]
58	Millesh Desai	Valsad	[Signature]
59	Pravinbhai Sheth Senior Civil Engineer	Anneamnu	[Signature]
60	Vishwas Sheth	Nalsad	[Signature]
61	Dilip J. Desai	Nalsad	[Signature]
62	Devang J. Chaudhari	Valsad	[Signature]
63	Tesha A. Bhusara	Valsad	[Signature]
64	Hemant R. Patel	Donel	[Signature]
65	Madhesh D. Patel	Valsad	[Signature]
66	Iqbal Qureshi	Valsad	[Signature]
67	Devang M. Desai	Valsad	[Signature]
68	Ashwin R. Patel	Donel	[Signature]
69	Ashik S. Rawar	Valsad	[Signature]
70	Pankaj C. Patel	Valsad	[Signature]

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 14<sup>th</sup> September 2006 and subsequent amendment No. S.O. 3067 (E) dated 1<sup>st</sup> 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(I) of M/s. Asha Cellulose (I) Pvt. Ltd., Survey No. 302/P & 303/2, Village: Abraham, Ta. & District: Valsad, (Gujarat) on 15/12/2012 at 11:00 hrs., at Shree Saumitra Patel Kadva Padidar Sonaj Hall, Dharnapur Char Rasta, NH-8, Valsad, Gujarat.

Shri J. K. Gadhave (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 dia
1	Shri Iqbal Qureshi 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: Andl	• 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?  • 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.  --  --



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
		<p>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.</p> <ul style="list-style-type: none"> <li>He asked whether company is located in Gundlav GIDC or Valsad?</li> <li>He added that Gujarat Pollution Control Board has also issued notice to the Nagarpalika for the sewage treatment Plant.</li> <li>In addition he mentioned that it is necessary that action should be taken by the collector in case of pollution by the Nagarpalika.</li> </ul>	<p>Representative from the project Proponent replied that this plant is located in the area of Valsad Nagarpalika.</p> <p>Shri G.V.Patel, Regional Officer, GPCB, Vapi informed that action will be taken as an when required.</p>
6	Shri Rajendra Parekh, Valsad	<ul style="list-style-type: none"> <li>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?</li> </ul>	<p>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.</p>
7	Shri Hiren Desai, Valsad	<ul style="list-style-type: none"> <li>Whether proposed R.O. and MEE system are viable or not?</li> </ul>	<p>Representative from the project Proponent replied that feasibility trials conducted in the plant and details are also mentioned in the project report.</p>
8	Shri Sankadecha And Valsad	<ul style="list-style-type: none"> <li>How many accidents or casualties occurred in last five years?</li> </ul>	<p>Representative from the project Proponent replied that no such accidents or casualties occurred during last five years.</p>

3

REGIONAL OFFICE, VAPI  
GUJARAT POLLUTION CONTROL BOARD  
Plot No. C-5/124, N.H. No. 8, G.I.D.C., Vapi - 396 195.



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. Gadhave (IAS)  
Additional District Magistrate  
and Resident Additional  
Collector, Valsad

REGIONAL OFFICE, VAPI  
GUJARAT POLLUTION CONTROL BOARD  
Plot No. C-5/124, N.H. No. 8, G.I.D.C., Vapi - 396 195.



એનેક્સર - બી ૧ (પરિશિષ્ટ - બી ૧) ગુજરાતી  
લોક સુનાવાણી દરમિયાન હાજર લોકો દ્વારા રજૂ કરવામાં આવેલ મુદ્દાઓ અને  
અરજદારના પ્રતિનિધિ દ્વારા આપવામાં આવેલ જવાબ

ભારત સરકારના વન અને પર્યાવરણ મંત્રાલય નવી દિલ્હીના જાહેરનામા ક્રમાંક : એસ.એ. ૧૫૩૩ તા. ૧૪-૦૮-૨૦૦૬ અને પછી સુધારેલ એસ.એ. ૩૦૬૭ (ઇ) તા. ૦૧-૧૨-૨૦૦૯ અન્વયે લોક અભિપ્રાય મેળવવાની પ્રક્રિયાના ભાગરૂપે લાગતા વળગતા સ્થાનિક અસરગ્રસ્ત લોકોની રજૂઆત/પ્રશ્ન/સૂચનો આવરી લેવા અને ધ્યાને લેવા હેતુ સરકારે "એ" શિલ્પલય (પબ્લિક)માં આવરી લેવાયેલ મેસર્સ. આશા સેલ્યુલોઝ (ઇ) પ્રાઇવેટ લિમિટેડ, સર્વે નં. : ૩૦૩/૨ અને ૩૦૨/પી, ગામ : અબ્રામા, તા. જિ. વલસાડ (ગુજરાત) તેના હયાત ઇલાઇ સેલ્યુલોઝ ૨૦ ટી.પી.એમ. પ્લાન્ટની ઉત્પાદન ક્ષમતા ૯૯.૬૯ ટી.પી.એમ. વધારવા માટેની સુવિત્ત પરીયોજનાની અરજી અનુસંધાને લોક સુનાવાણીનું આયોજન તા. ૧૫/૧૨/૨૦૧૨ ના રોજ સવારે ૧૧:૦૦ કલાકે શ્રી. સોરખ પટેલ કક્વા પાટીદાર સમાજ હોલ, ધરમપુર ચારરસ્તા રાજીસ ધોરીમાર્ગ -૮, વલસાડ, (ગુજરાત) ખાતે રાખવામાં આવેલ.

સમગ્ર લોકસુનાવાણીની કાર્યવાહી શ્રી જે.કે.અઢવી, (જી.એ.એસ.) અધિક જિલ્લા મેજિસ્ટ્રેટશ્રી, વલસાડની રેખાંશ તથા અધ્યક્ષપણા હેઠળ કરવામાં આવેલ.

શ્રી જી.વી.પટેલ, પ્રાદેશિક અધિકારી, ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ વાપી તથા સભ્ય સચિવશ્રી ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડના પ્રતિનિધિએ લોકસુનાવાણીમાં ઉપસ્થિત સૌને આવકાર્યો. તેઓએ ઇ.આઇ.એ. નોટીફિકેશન અંતર્ગત વિવિધ જોગવાઈઓ અને લોકસુનાવાણીની પ્રક્રિયા બાબતે સંક્ષિપ્તમાં માહિતી આપી. તેમણે લોકસુનાવાણીની બહોળી પ્રસિધ્ધિ અને ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ દ્વારા સ્થાનિક દૈનિક પત્રોમાં તા. ૮/૧૧/૨૦૧૨ ના રોજ "ગુજરાત સમાચાર" ગુજરાતીમાં અને "રાઇઝ સ્પોર્ટ્સ ઇન્ડિયા" અંગ્રેજી પત્રમાં તા. ૯/૧૧/૨૦૧૨ ના રોજ અગાઉ આપવામાં આવેલ જાહેરબાજર વિશે જણાવેલ કે નોટિફિકેશનની જોગવાઈ અનુસાર ફક્ત સ્થાનિક અસરગ્રસ્ત લોકો જ આ લોક સુનાવાણીમાં મૌખિક રજૂઆત કરી શકશે જ્યારે દિત ધરાવતા અન્યવ્યક્તિઓ તેઓની રજૂઆત લેખિતમાં રજૂઆત કરી શકશે જેનો કાર્યસૂચિમાં સમાવેશ કરવામાં આવશે.

ત્યારબાદ અધિક જિલ્લા મેજિસ્ટ્રેટશ્રીની પરવાનગીથી પ્રાદેશિક અધિકારી, ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ વાપી દ્વારા સુવિત્ત પરીયોજના અને સંક્ષિપ્તમાં રૂપરેખા આપવા જણાવેલ.

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ત્યારબાદ મેસર્સ આશા સેલ્યુલોઝ (ઇ) પ્રાઇવેટ લિમિટેડના પ્રતિનિધિ દ્વારા ગુજરાતીમાં રજૂઆતમાં કરવામાં આવી જેમાં કંપનીની ટેકનીકલ માહિતી, ઉત્પાદન અને માહિતી, સુવિત્ત પરીયોજનાની માહિતી, પર્યાવરણ વ્યવસ્થાપન પદ્ધતિ, સુવિત્ત નિવારક પગલાંઓ સહ પર્યાવરણ પર થનાર અસર અને ઉદ્યોગ દ્વારા કરવામાં આવનાર સામાજિક પ્રવૃત્તિઓ વિશે ગુજરાતી ભાષામાં પ્રેઝન્ટેશન કરવામાં આવ્યું.

પ્રેઝન્ટેશન પૂર્ણ થયા બાદ પ્રાદેશિક અધિકારી, ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ વાપી દ્વારા સ્થાનિક લોકોને રજૂઆત તથા અભિપ્રાય રજૂ કરવા જણાવવામાં આવ્યું તેમજ તેમણે ઉમેર્યું કે ઉપસ્થિત/ હાજર રહેલ લોકો તેમના સૂચનો લેખિતમાં લોકસુનાવાણી દરમિયાન પર્યાવરણીય લોકસુનાવાણીના અધ્યક્ષશ્રીને આપી શકે છે ત્યારબાદ અધિક જિલ્લા મેજિસ્ટ્રેટશ્રીની અનુમતિથી સ્થાનિક અસરગ્રસ્ત લોકોની રજૂઆત/અભિપ્રાય/સૂચનો માટે મંચ ખુલ્લો મુકવામાં આવ્યો.

લોક સુનાવાણી દરમિયાન હાજર રહેલ સ્થાનિક લોકો દ્વારા રજૂ કરવામાં આવેલ પ્રશ્નો તેમજ અરજદારના પ્રતિનિધિ દ્વારા આપવામાં આવેલ જવાબો નીચે મુજબ છે

ક્રમાંક	પ્રશ્ન પુછનારનું નામ	રજૂઆતોની વિગતો	કંપની દ્વારા આપાયેલ પ્રત્યુત્તર
૧	શ્રી. ઇકબાલ ફરેશી ગામ: વલસાડ જિ. વલસાડ	આ કંપની વલસાડ મ્યુનિસિપાલિટીનું કેટલું ધાણી વાપરે છે અને ભવિષ્યમાં કેટલું વાપરશે ?	ઉદ્યોગના પ્રતિનિધિશ્રી એ જણાવ્યું કે કંપની પોતાના બોરવેલના પાણીનો જ ઉપયોગ કરે છે અને કરશે.
૨	શ્રી. વિશાસ ગામ: વલસાડ	આ કંપની કેટલું સોલવન્ટ વાપરે છે અને તેનો પુન વપરાશ કેટલો કરે છે ?  તેમણે વધુમાં જણાવ્યું કે મોકડીલ ઓકીટ વાર્ષિક ધોરણે કરીએ છીએ અને ફેક્ટરી ઇન્સ્પેક્ટરને અસરમેન્ટ સમયે તરે કસવો છો કે કેમ ?	ઉદ્યોગના પ્રતિનિધિશ્રી એ જણાવ્યું કે સોલવન્ટ રીકવરી આશરે ૯૬% જેટલી થાય છે તેમજ મોકડીલ અને ફેક્ટરી ઓકીટ વાર્ષિક ધોરણે કરીએ છીએ અને ફેક્ટરી ઇન્સ્પેક્ટરને અસરમેન્ટ મોકલીએ છીએ.

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૩	શ્રી. ચેસકે. નંદી ગામ : અનુલ	આ કંપનીનો ઇ.ટી.પી. પ્લાન્ટનો કેટલો અર્થ થશે ?	ઉધોગના પ્રતિનિધિશ્રી એ જણાવ્યું કે ૩ ડૉ. પ્રતિ કિલો લીટર સુધિત પરીચોજના અંતર્ગત ઔદ્યોગિક ગંદાપાણીના મુશ્કેલીરૂપ માટે અર્થ થશે.
૪	શ્રી. રજનીકાંત દેસાઇ ગામ : વલસાડ	આ આવનાર પ્લાન્ટમાં સ્થાનિક લોકોને રોજગારી મળશે કે કેમ?	ઉધોગના પ્રતિનિધિશ્રી એ જણાવ્યું કે સ્થાનિક લોકોને તેમની શૈક્ષણિક લાયકાત અને અનુભવના આધારે રોજગારી આપવામાં આવશે.
૫	શ્રી. પવિણભાઈ પુરવોત્તમભાઈ ભાનુશાળી ગામ : વલસાડ	કંપની નગરપાલિકાની કદમાં આવેલ હોય તો નગરપાલિકાનો કોઈ અધિકારી આવેલ છે કે કેમ?	શ્રી જી.વી.પટેલ, પ્રાદેશિક અધિકારી, જી.પી.સી.બી. વાપી, બંસા પુચ્છ કરવામાં આવતા વલસાડ નગરપાલિકાના કોઈપણ અધિકારીશ્રી લોક સુનાવણીમાં હાજર હતાં નહીં.
		તેમણે વધુમાં જણાવ્યું કે કંપની ૧૬-૧૧-૨૦૧૨ પછી નગરપાલિકાએ પરવાનગી આપવી પડશે. આશા તેલુલોજી બંસા આવી લોક સુનાવણી કરી તે સારી વાત છે અને કંપનીઓ એ આ પ્રકારની કાર્યવાહી કરવી જોઈએ.	--
		તેમણે વધુમાં જણાવ્યું કે જે હમણાં સીડમેક લેબોરેટરીનો ૧૭૦	--

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

4



			વધારાનો સ્પેન્ટ કોસ્ટીક ઉત્પાદન થનાર નથી.
૭	શ્રી. હીરેન દેસાઇ, ગામ : વલસાડ	સુધિત આર.એ. અને એમ.ઇ.ઇ. સીસ્ટમ ચાલેલ છે કે કેમ?	ઉધોગના પ્રતિનિધિ દ્વારા તેમનો પ્રત્યુત્તરનો આપતા જણાવ્યું કે અમે અમારા પ્લાન્ટમાં ફિઝીબીલીટી ટ્રાયલ લીધેલ છે તથા પ્રોજેક્ટ રીપોર્ટમાં વિગતો દર્શાવેલ છે.
૮	શ્રી. અનુલ સાંકર્યા, ગામ : વલસાડ	છેલ્લા પાંચ વર્ષમાં કેટલાં અકસ્માત તથા મૃત્યુ થયેલા છે તે જણાવો?	ઉધોગના પ્રતિનિધિ દ્વારા જણાવ્યું કે કંપનીમાં પાંચ વર્ષમાં કોઈ અકસ્માત કે મૃત્યુ થયેલ નથી.

શ્રી જી.વી.પટેલ, પ્રાદેશિક અધિકારી, ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, વાપીએ કહ્યું કે લોકસુનાવણી ઇ.આઇ.એ. નોટીફિકેશન ૨૦૦૬ (અને ત્યારબાદનાં સુધારા) પમાણે કરવામાં આવેલ છે અને લોકસુનાવણીમાં હાજર રહેલ સ્થાનિક અસરગ્રસ્ત લોકોએ પર્સોનલ રક્ષણ, સ્થાનિક રોજગારી અને સામાજિક જવાબદારી ઉપર બંસા આપ્યો હતો અને સહિતમાં અસરગ્રસ્ત ગામમાંથી આવેલા લોકોએ ભાગ લીધો હોય તેમજ ઔદ્યોગિક એકમ બંસા લોક સુનાવણીની બહોળી પ્રશિયો કરેલ છે, પ્લાન્ટનો રચાપના અને વાંધાકામ દરમિયાન સ્થાનિક લોકો, સ્થાનિક સોસાયટી અને સ્થાનિક પર્સોનલને ધ્યાનમાં લેવા જોઈએ.

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

તારીખ : ૧૫/૧૨/૨૦૧૨  
સ્થાન : અબામા,  
તા. જી. વલસાડ

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

જે. કે. રાઠોડી (જ.સ.એ.)  
અધિક જિલ્લા મેજિસ્ટ્રેટશ્રી અને  
નિવાસી અધિક કલેક્ટરશ્રી,  
વલસાડ

5

ANNEXURE - C1  
**PARYAVARAN MITRA**  
(JANVIKAS)  
502, Raj Avenue, Bhalka Nagar Road, Nr. Thalte Cross Road, Thalte, 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 date 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 VW/MCL 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





# ANNEXURE - C2

Save Environment : care for next generation  
Environment public hearing of 'Asha cellulose (i) pvt.ltd., Dist Valsad, Gujarat

Page 01/02

Date: 12/12/2012

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

To, Member Secretary Gujarat Pollution Control Board, Gandhinagar Fax : 079 - 23222784 / 23222161 E mail ms-gpcb@gujarat.gov.in	copy RO, GPCB, Vapi, Ph. (0260) 2432089, 2426207 Fax (0260) 2432826 Email gpcb-val@gujarat.gov.in	copy 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 Sahab

On my review, I appreciate, on set, the report is very descriptive 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 5<sup>th</sup> June.
- 05 How many persons can be accommodated 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?
- 07 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

Save Environment : care for next generation  
Environment public hearing of 'Asha cellulose (i) pvt.ltd., Dist Valsad, Gujarat

Page 02/02

- 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?
- 12 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.
- 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 kervani abhiyan.

Thanks and regards,



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

Plant more trees — plant more trees — plant more trees  
Promote industrial progres — Support Gujarat progress  
( certainly not at the cost of environment )  
Make Gujarat free from critically polluted zones/ 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 Asha Vihar, Abrama, Valsad RD 01, India  
Phones : +91 2632 254799 - 253625, 932622, Fax : +91 2632 227019, Email : valsal@ashacell.com  
Website : www.ashacell.com



Date: 15/12/12

To,  
Shri Mahesh Pandya,  
ParagyanMitra,  
502, Raj Avenue, Bhakaka Nagar Road,  
Nr. Thelaj Cross

Sub.: Reply of queries by ParagyanMitra 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 1961 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?  
Ans No closure order has been received by the unit. A set of the show-cause notices issued along 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?  
Ans Environment 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.  
Ans Monthly data 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?  
Ans October 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?  
Ans Earlier 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?  
Ans It 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.  
Ans Used oil is currently stored in plant premises & will be sold to registered reproprocessors.



**ASHA CELLULOSE (I) PVT. LTD.**

Works : Near Asha Vihar, Abrama, Valsad RD 01, India  
Phones : +91 2632 254799 - 253625, 932622, Fax : +91 2632 227019, Email : valsal@ashacell.com  
Website : www.ashacell.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 VVEMCL & BEIL, Ankleshwar.  
Ans Membership certificate copies of VVEMCL, 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. And monitoring data 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?  
Ans 100 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 &amp; Air Sample

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE		Gujarat Pollution Control Board, Vapi CM114, GIDC Vapi, Near Heat Pumphouse, Vapi - 386 015 Tel: (0260) 2-02889				
Sample ID: 2515 - Analysis Completed: 24/02/2011						
Chemicals & Products / LAB Inward : 11825						
<b>TEST REPORT</b>						
Test Report No.: 111926		Date: 20/02/2011				
1. Name of the Customer : Asha Cellulose (P) Pvt.Ltd - 23135						
2. Address : SHEED NO. 3002, 302P-VILLAGE-ABRAMA- Abrama-396001, Taluka : Valsad, District : Valsad, GIDC : Not in Gide						
3. Nature of Sample : REP-Representative, (Imp Type : ROC-Routine Visit)						
4. Sample Collected By : G.V. Patel/RO Head						
5. Quantity of Sample Received : 1						
6. Code No. of the Sample : 11825						
7. Date & Time of Collection & Receipt : 19/02/2011 : (1530 to 1630) & 24/02/2011						
8. Date of Start & Completion of Analysis : 24/02/2011 & 24/02/2011						
9. Sampling Point : From final outlet of EEP						
10. Flow Details (Remarks) : -						
11. Mode of Disposal : Disposal in tidal zone of river Aravali						
12. Ultimate Receiving Body : Aravali Sea						
13. Temperature on Collection : 31.6 & pH Range on pH Strip: 7.8						
14. Carboys Not for : 4.6 & Color & Appearance : COLOR LESS						
15. Water Consumption & W.W.G (KLPD) : Ind : 50.200, Dom : 2.000 & Ind : 37.270, Dom : 1.800						
Sl	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS 3025 (Part 4)-1984	2°C-30°C	35	31
2	pH	pp Unit	IS 3025 (Part 1)-1983	5-14	8.00	7.8
3	Color	PCU Co Pt. Unit	IS 3025 (Part 4)-1984 (PCU Method)	5-500 Co Pt. Unit	50	5
4	Total Dissolved Solids	mg/l	2540 C APHA Standard method 21st ed.	10-10000mg/l	1000	1000
5	Suspended Solids	mg/l	2540 C APHA Standard method 21st ed.	10-10000mg/l	1000	1000
6	Ammoniacal Nitrogen	mg/l	4500 H4 B & C APHA, 21st ed.	0.25-1400 mg/l	0.25	0.25
7	Chloride	mg/l	4500 C B APHA Standard methods 21st ed.	5-100mg/l	1000	1000
8	Sulphate	mg/l	APHA 21st ed 4500 SO4 E	2-40mg/l	400	400
9	Chemical Oxygen Demand	mg/l	APHA 21st ed 5220 B	4.0mg/l	400	400
10	Oil & Grease	mg/l	5520 B APHA standard methods 21st ed.	0.0-60000 mg/l	0.4	0.4
11	11B O.D (5 Days 20°C)	mg/l	5210 C APHA standard methods 21st ed.	10-10000mg/l	40.0	40.0
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. Encouragement of products is neither intended 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 amended by Second and Third amendment 1993 for Effluents						
						14/12/2012

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE		Gujarat Pollution Control Board, Vapi CM114, GIDC Vapi, Near Heat Pumphouse, Vapi - 386 015 Tel: (0260) 2-02889				
Sample ID: 2515 - Analysis Completed: 24/02/2011						
Chemicals & Products / LAB Inward : 12701						
<b>TEST REPORT</b>						
Test Report No.: 12791		Date: 26/02/2011				
1. Name of the Customer : Asha Cellulose (P) Pvt.Ltd - 23135						
2. Address : SHEED NO. 3002, 302P-VILLAGE-ABRAMA- Abrama-396001, Taluka : Valsad, District : Valsad, GIDC : Not in Gide						
3. Nature of Sample : REP-Representative, (Imp Type : ROC-Routine Visit)						
4. Sample Collected By : G.V. Patel/RO Head						
5. Quantity of Sample Received : 1						
6. Code No. of the Sample : 11825						
7. Date & Time of Collection & Receipt : 19/02/2011 : (1530 to 1630) & 24/02/2011						
8. Date of Start & Completion of Analysis : 24/02/2011 & 24/02/2011						
9. Sampling Point : FROM FINAL OUTLET OF EEP						
10. Flow Details (Remarks) : -						
11. Mode of Disposal : Disposal in River						
12. Ultimate Receiving Body : Aravali Sea						
13. Temperature on Collection : 32 & pH Range on pH Strip: 7.8						
14. Carboys Not for : 4.6 & Color & Appearance : Colorless						
15. Water Consumption & W.W.G (KLPD) : Ind : 50.200, Dom : 2.000 & Ind : 37.270, Dom : 1.800						
Sl	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS 3025 (Part 4)-1984	2°C-30°C	35	31
2	pH	pp Unit	IS 3025 (Part 1)-1983	5-14	8.00	7.8
3	Color	PCU Co Pt. Unit	IS 3025 (Part 4)-1984 (PCU Method)	5-500 Co Pt. Unit	50	5
4	Total Dissolved Solids	mg/l	2540 C APHA Standard method 21st ed.	10-10000mg/l	1000	1000
5	Suspended Solids	mg/l	2540 C APHA Standard method 21st ed.	10-10000mg/l	1000	1000
6	Ammoniacal Nitrogen	mg/l	4500 H4 B & C APHA, 21st ed.	0.25-1400 mg/l	0.25	0.25
7	Chloride	mg/l	4500 C B APHA Standard methods 21st ed.	5-100mg/l	1000	1000
8	Sulphate	mg/l	APHA 21st ed 4500 SO4 E	2-40mg/l	400	400
9	Chemical Oxygen Demand	mg/l	APHA 21st ed 5220 B	4.0mg/l	400	400
10	Oil & Grease	mg/l	5520 B APHA standard methods 21st ed.	0.0-60000 mg/l	0.4	0.4
11	11B O.D (5 Days 20°C)	mg/l	5210 C APHA standard methods 21st ed.	10-10000mg/l	40.0	40.0
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. Encouragement of products is neither intended 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 amended by Second and Third amendment 1993 for Effluents						
						14/12/2012

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE		Gujarat Pollution Control Board, Vapi CM114, GIDC Vapi, Near Heat Pumphouse, Vapi - 386 015 Tel: (0260) 2-02889				
Sample ID: 2515 - Analysis Completed: 16/10/2011						
Chemicals & Products / LAB Inward : 13052						
<b>TEST REPORT</b>						
Test Report No.: 13652		Date: 16/10/2011				
1. Name of the Customer : Asha Cellulose (P) Pvt.Ltd - 23135						
2. Address : SHEED NO. 3002, 302P-VILLAGE-ABRAMA- Abrama-396001, Taluka : Valsad, District : Valsad, GIDC : Not in Gide						
3. Nature of Sample : REP-Representative, (Imp Type : COM-On Complaint)						
4. Sample Collected By : F.M. ModDEE						
5. Quantity of Sample Received : 1						
6. Code No. of the Sample : 14063						
7. Date & Time of Collection & Receipt : 16/10/2011 : (1530 to 1630) & 04/10/2011						
8. Date of Start & Completion of Analysis : 16/10/2011 & 16/10/2011						
9. Sampling Point : From final outlet of EEP						
10. Flow Details (Remarks) : -						
11. Mode of Disposal : In to river Aravali						
12. Ultimate Receiving Body : Aravali Sea						
13. Temperature on Collection : 28.4 & pH Range on pH Strip: 7.8						
14. Carboys Not for : 4.6 & Color & Appearance : colorless						
15. Water Consumption & W.W.G (KLPD) : Ind : 50.200, Dom : 2.000 & Ind : 37.270, Dom : 1.800						
Sl	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS 3025 (Part 4)-1984	2°C-30°C	35	31
2	pH	pp Unit	IS 3025 (Part 1)-1983	5-14	8.00	7.8
3	Color	PCU Co Pt. Unit	IS 3025 (Part 4)-1984 (PCU Method)	5-500 Co Pt. Unit	50	5
4	Total Dissolved Solids	mg/l	2540 C APHA Standard method 21st ed.	10-10000mg/l	1000	1000
5	Suspended Solids	mg/l	2540 C APHA Standard method 21st ed.	10-10000mg/l	1000	1000
6	Ammoniacal Nitrogen	mg/l	4500 H4 B & C APHA, 21st ed.	0.25-1400 mg/l	0.25	0.25
7	Chloride	mg/l	4500 C B APHA Standard methods 21st ed.	5-100mg/l	1000	1000
8	Sulphate	mg/l	APHA 21st ed 4500 SO4 E	2-40mg/l	400	400
9	Chemical Oxygen Demand	mg/l	APHA 21st ed 5220 B	4.0mg/l	400	400
10	Oil & Grease	mg/l	5520 B APHA standard methods 21st ed.	0.0-60000 mg/l	0.4	0.4
11	11B O.D (5 Days 20°C)	mg/l	5210 C APHA standard methods 21st ed.	10-10000mg/l	40.0	40.0
Laboratory Remarks : Invee By: 406-141, 400 DL 16/10/2011 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. Encouragement of products is neither intended 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 amended by Second and Third amendment 1993 for Effluents						
						14/12/2012

ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE		Gujarat Pollution Control Board, Vapi CM114, GIDC Vapi, Near Heat Pumphouse, Vapi - 386 015 Tel: (0260) 2-02889				
Sample ID: 2515 - Analysis Completed: 05/12/2011						
Chemicals & Products / LAB Inward : 14648						
<b>TEST REPORT</b>						
Test Report No.: 14648		Date: 12/12/2011				
1. Name of the Customer : Asha Cellulose (P) Pvt.Ltd - 23135						
2. Address : SHEED NO. 3002, 302P-VILLAGE-ABRAMA- Abrama-396001, Taluka : Valsad, District : Valsad, GIDC : Not in Gide						
3. Nature of Sample : REP-Representative, (Imp Type : ROC-Routine Visit)						
4. Sample Collected By : F.M. ModDEE						
5. Quantity of Sample Received : 1						
6. Code No. of the Sample : 14063						
7. Date & Time of Collection & Receipt : 14/12/2011 : (1230 to 1330) & 19/12/2011						
8. Date of Start & Completion of Analysis : 19/12/2011 & 09/12/2011						
9. Sampling Point : FROM FINAL OUTLET OF EEP						
10. Flow Details (Remarks) : -						
11. Mode of Disposal : In to RIVER ARVALI						
12. Ultimate Receiving Body : Aravali Sea						
13. Temperature on Collection : 32 & pH Range on pH Strip: 7.8						
14. Carboys Not for : 4.6 & Color & Appearance : COLORLESS						
15. Water Consumption & W.W.G (KLPD) : Ind : 50.200, Dom : 2.000 & Ind : 37.270, Dom : 1.800						
Sl	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Centigrade	IS 3025 (Part 4)-1984	2°C-30°C	35	31
2	pH	pp Unit	IS 3025 (Part 1)-1983	5-14	8.00	7.8
3	Color	PCU Co Pt. Unit	IS 3025 (Part 4)-1984 (PCU Method)	5-500 Co Pt. Unit	50	5
4	Total Dissolved Solids	mg/l	2540 C APHA Standard method 21st ed.	10-10000mg/l	1000	1000
5	Suspended Solids	mg/l	2540 C APHA Standard method 21st ed.	10-10000mg/l	1000	1000
6	Ammoniacal Nitrogen	mg/l	4500 H4 B & C APHA, 21st ed.	0.25-1400 mg/l	0.25	0.25
7	Chloride	mg/l	4500 C B APHA Standard methods 21st ed.	5-100mg/l	1000	1000
8	Sulphate	mg/l	APHA 21st ed 4500 SO4 E	2-40mg/l	400	400
9	Chemical Oxygen Demand	mg/l	APHA 21st ed 5220 B	4.0mg/l	400	400
10	Oil & Grease	mg/l	5520 B APHA standard methods 21st ed.	0.0-60000 mg/l	0.4	0.4
11	11B O.D (5 Days 20°C)	mg/l	5210 C APHA standard methods 21st ed.	10-10000mg/l	40.0	40.0
Laboratory Remarks : Invee By: 406-141, 400 DL 12/12/2011 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. Encouragement of products is neither intended 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 amended by Second and Third amendment 1993 for Effluents						
						14/12/2012





**ANALYSIS REPORT FOR  
WATER / WASTE WATER SAMPLE**

Sample ID: 14134 - Analysis Completed: 22/12/2012

Chemicals & Products / LAB Inward : 14134

Corporate Pollution Control Board, Vapi  
C/5124, GIDC Vapi  
Near Hotel Parkam  
Vapi - 396 191  
Tels: (02649) 242180



**TEST REPORT**

**Test Report No. : 14134**

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd. - 23135

2. Address : SHED NO. 30/2, 302/PV VILLAGE-ABRAMA, - Ahmedabad - 386001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide

3. Nature of Sample : RCP-Representative, (Imp Type : RCP-Routine Visit)

4. Sample Collected By : R.M.PAHMARJSA

5. Quantity of Sample Received : 1

6. Code No. of the Sample : 99097

7. Date & Time of Collection & Receipt : 24/12/2011, (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 : Aurangam Sea

13. Temperature on Collection : 32 & pH Range on pH Strip 7-9

14. Carboys Not for : 6.4. Color & Appearance : COLOURLESS.

15. Water Consumption & W.W.G. (CLPDB) : Ind : 50.200, Dom : 2.000 & Ind : 37.270, Dom : 1.500

**Date: 28/12/2011**

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Celcius	IS 3025 (Part-6)-1984	2°C-36°C	32	32
2	pH	pH Units	IS 3025 (Part-11)-1983	1-14	9.00	8.45
3	Colour	PCU/Co	IS 3025 (Part-4)-1983 (Pt-Co Method)	0-500 Co Pt. Unit	5	5
4	Total Dissolved Solids	mg/l	2540 C APHA Standard method 21st ed	10-10000mg/l	2100.00	1940
5	Suspended Solids	mg/l	2540 C APHA Standard method 21st ed	10-10000mg/l	100.00	98
6	Ammonical Nitrogen	mg/l	4500 NH3 B & C APHA 21st ed	0.25-1400 mg/l	50.00	ND
7	Chloride	mg/l	4500 Cl-B APHA Standard methods 21st ed	5-100mg/l	1.000.00	249
8	Sulphate	mg/l	APHA 21st ed 4500 SO4 B	2-400mg/l	1.000.00	93
9	Chemical Oxygen Demand	mg/l	APHA 21st ed 5220 B	4.0mg/l	200.00	56.0
10	Oil & Grease	mg/l	5520 B APHA standard methods 21st ed	2.0-999000 mg/kg	10.00	ND
11	118 O.D (3 Days 20°C)	mg/l	5520 B APHA standard methods 21st ed	10-10000mg/l	30.00	7.54

Authorized Signature

H.C. Solanki, Lab Head

**Note:**

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**14** **15**

14/12/2012

Signature of Customer

Signature of Lab Head



**ANALYSIS REPORT FOR  
WATER / WASTE WATER SAMPLE**

Sample ID: 15532 - Analysis Completed: 08/07/2012

Chemicals & Products / LAB Inward : 15532

Corporate Pollution Control Board, Vapi  
C/5124, GIDC Vapi  
Near Hotel Parkam  
Vapi - 396 191  
Tels: (02649) 242180



**TEST REPORT**

**Test Report No. : 15532**

1. Name of the Customer : Asha Cellulose (I) Pvt.Ltd. - 23135

2. Address : SHED NO. 30/2, 302/PV VILLAGE-ABRAMA, - Ahmedabad - 386001, Taluka : Valsad, District : Valsad, GIDC : Not In Gide

3. Nature of Sample : RCP-Representative, (Imp Type : RCP-Routine Visit)

4. Sample Collected By : G.V. Patel RD Head

5. Quantity of Sample Received : 1

6. Code No. of the Sample : 95046

7. Date & Time of Collection & Receipt : 14/06/2012, (1515 to 1515) & 17/06/2012

8. Date of Start & Completion of Analysis : 17/06/2012 & 08/07/2012

9. Sampling Point : 08 Final Outlet of the ETP

10. Flow Details (Remarks) : -

11. Mode of Disposal : Into River Aurangam

12. Ultimate Receiving Body : Aurangam Sea

13. Temperature on Collection : 31 & pH Range on pH Strip 6-7

14. Carboys Not for : 6.4. Color & Appearance : Colourless

15. Water Consumption & W.W.G. (CLPDB) : Ind : 50.200, Dom : 2.000 & Ind : 37.270, Dom : 1.500

**Date: 08/07/2012**

Sr	Parameter	Unit	Test Method	Range of Testing	Limit	Result
1	Temperature	Celcius	IS 3025 (Part-6)-1984	2°C-36°C	32	31
2	pH	pH Units	IS 3025 (Part-11)-1983	1-14	9.00	7.60
3	Colour	PCU/Co	IS 3025 (Part-4)-1983 (Pt-Co Method)	0-500 Co Pt. Unit	5	5
4	Total Dissolved Solids	mg/l	2540 C APHA Standard method 21st ed	10-10000mg/l	2100.00	2113
5	Suspended Solids	mg/l	2540 C APHA Standard method 21st ed	10-10000mg/l	100.00	97
6	Ammonical Nitrogen	mg/l	4500 NH3 B & C APHA 21st ed	0.25-1400 mg/l	50.00	224
7	Chloride	mg/l	4500 Cl-B APHA Standard methods 21st ed	5-100mg/l	1.000.00	906
8	Sulphate	mg/l	APHA 21st ed 4500 SO4 B	2-400mg/l	1.000.00	93
9	Chemical Oxygen Demand	mg/l	APHA 21st ed 5220 B	4.0mg/l	200.00	56.0
10	Oil & Grease	mg/l	5520 B APHA standard methods 21st ed	2.0-999000 mg/kg	10.00	ND
11	118 O.D (3 Days 20°C)	mg/l	5520 B APHA standard methods 21st ed	10-10000mg/l	30.00	15

Authorized Signature

H.C. Solanki, Lab Head

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- Permissible Limits as per Schedule VI of EPA Rules, 1986 as amended by Second and Third amendment 1993 for Effluents.

**14** **15**

14/12/2012

Signature of Customer

Signature of Lab Head



**ANALYSIS REPORT FOR  
WATER / WASTE WATER SAMPLE**

Sample ID: 104501 - Analysis Completion: 26/09/2012

Chemicals & Products / LAB Inward : 17281

Gujarat Pollution Control Board, Valsad  
C/5124, GIDC Vapdi,  
Near Hirdal Pichav,  
Valsad - 396195  
Tel: (0260) 243089

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**TEST REPORT**

Test Report No.: 17281 Date: 26/09/2012

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 GIDC  
3. Nature of Sample : RFP Representative, (Imp Type : RCU-Routine Visit)  
4. Sample Collected By : B.L.P. ARMAHAR  
5. Quantity of Sample Received :  
6. Code No. of the Sample : 104501  
7. Date & Time of Collection & Receipt : 14/09/2012, (1435 to 1455) & 15/09/2012  
8. Date of Start & Completion of Analysis : 15/09/2012 & 20/09/2012  
9. Sampling Point : 40 Final Outlet of the ETP - FROM FINAL OUTLET OF ETP  
10. Flow Details (Remarks) :  
11. Mode of Disposal : IN TO PLANTATION AND IRRIGATION  
12. Ultimate Receiving Body : Arabian Sea  
13. Temperature on Collection : 32 & pH Range on pH Strip: 7-8  
14. Carboys Not for : S & Color & Appearance: COLORLESS  
15. Water Consumption & W.W.G (CLPD) : Ind: 50.200, Dom: 2.060 & 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-40 °C	32	32
2	pH	pH Unit	IS: 3025 (Part 11)-1983	5-14	6.00	6.90
3	Color	PCU Unit	IS: 3025 (Part 6)-1983 (PCU Method)	5-500 Co. Pt. Unit	5	5
4	Total Dissolved Solids	mg/l	2540 C APHA Standard method 21st ed.	10-1000mg/l	2100	2047
5	Suspended Solids	mg/l	2540 C APHA Standard method 21st ed.	200-80	10	10
6	Ammoniacal Nitrogen	mg/l	4500 NH4 N & C APHA 21st ed.	0.28-1430 mg/l	100.00	9.00
7	Chloride	mg/l	4500 CL & APHA Standard method 21st ed.	5-100mg/l	1000.00	600
8	Suphate	mg/l	APHA 21st ed 4500 SO4 E	0-40mg/l	1000.00	14
9	Chemical Oxygen Demand	mg/l	APHA 21st ed 5220 B	4.0mg/l	100	18
10	BOD & Dissolved	mg/l	5020 B APHA standard method 21st ed.	2.0-99900 mg/l	10.00	0.8
11	TSS (O.D. 2 Days 25°C)	mg/l	5000 mg/l	10-1000mg/l	100.00	14

Laboratory Remarks : FR829 By:206-446\_206 Cl: 206/09/2012

Authorized Signature  
D. N. Vasadia, Lab Head

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Note:

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- Permissible Limits as per Schedule VI of EPA Rules, 1986 as amended by Second and Third amendment 1993 for Effluents

14/12/2012

**ANALYSIS REPORT FOR  
WATER / WASTE WATER SAMPLE**

Sample ID: 104501 - Analysis Completion: 25/09/2012

Chemicals & Products / LAB Inward : 13428

Gujarat Pollution Control Board, Valsad  
C/5124, GIDC Vapdi,  
Near Hirdal Pichav,  
Valsad - 396195  
Tel: (0260) 243089

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**TEST REPORT**

Test Report No.: 13428 Date: 25/09/2012

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 GIDC  
3. Nature of Sample : RFP Representative, (Imp Type : VIO-By Vigilance Team)  
4. Sample Collected By : V. D. Bhalwadia, JDR  
5. Quantity of Sample Received :  
6. Code No. of the Sample : 104501  
7. Date & Time of Collection & Receipt : 24/09/2012, (1230 to 1250) & 25/09/2012  
8. Date of Start & Completion of Analysis : 25/09/2012 & 23/09/2012  
9. Sampling Point : 40 Final Outlet of the ETP - From Final out let of the ETP  
10. Flow Details (Remarks) :  
11. Mode of Disposal : yes  
12. Ultimate Receiving Body : Arabian Sea  
13. Temperature on Collection : 32 & pH Range on pH Strip: 7 to 8 on pH strip  
14. Carboys Not for : S & Color & Appearance: COLORLESS  
15. Water Consumption & W.W.G (CLPD) : Ind: 50.200, Dom: 2.060 & 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-40 °C	32	32
2	pH	pH Unit	IS: 3025 (Part 11)-1983	5-14	6.00	6.70
3	Color	PCU Unit	IS: 3025 (Part 6)-1983 (PCU Method)	5-500 Co. Pt. Unit	5	5
4	Total Dissolved Solids	mg/l	2540 C APHA Standard method 21st ed.	10-1000mg/l	1000.00	1426
5	Suspended Solids	mg/l	2540 C APHA Standard method 21st ed.	200-80	10	10
6	Ammoniacal Nitrogen	mg/l	4500 NH4 N & C APHA 21st ed.	0.28-1430 mg/l	100.00	2.85
7	Chloride	mg/l	4500 CL & APHA Standard method 21st ed.	5-100mg/l	1000.00	680
8	Suphate	mg/l	APHA 21st ed 4500 SO4 E	0-40mg/l	1000.00	118
9	Chemical Oxygen Demand	mg/l	APHA 21st ed 5220 B	4.0mg/l	100	33
10	BOD & Dissolved	mg/l	5020 B APHA standard method 21st ed.	2.0-99900 mg/l	10.00	2.4
11	TSS (O.D. 2 Days 25°C)	mg/l	5000 mg/l	10-1000mg/l	100.00	10

Laboratory Remarks : APPROVED By: 455-446\_455 Cl: 25/09/2012

Authorized Signature  
A.G. Patel, R.O Head

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Note:

- These parameters are covered under the scope of NABL.
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14/12/2012

**ANALYSIS REPORT FOR  
WATER / WASTE WATER SAMPLE**

Sample ID: 104506 - Analysis Completion: 01/12/2012

Chemicals & Products / LAB Inward : 17875

Gujarat Pollution Control Board, Valsad  
C/5124, GIDC Vapdi,  
Near Hirdal Pichav,  
Valsad - 396195  
Tel: (0260) 243089

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**TEST REPORT**

Test Report No.: 17875 Date: 01/12/2012

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 GIDC  
3. Nature of Sample : RFP Representative, (Imp Type : RCU-Routine Visit)  
4. Sample Collected By : J.M. Chaudhary, JDR  
5. Quantity of Sample Received :  
6. Code No. of the Sample : 104506  
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 & 01/12/2012  
9. Sampling Point : 40 Final Outlet of the ETP -  
10. Flow Details (Remarks) :  
11. Mode of Disposal : In to River Oranga through w/g pipeline  
12. Ultimate Receiving Body : Arabian Sea  
13. Temperature on Collection : 29 & pH Range on pH Strip: 7-8  
14. Carboys Not for : S & Color & Appearance: colorless  
15. Water Consumption & W.W.G (CLPD) : Ind: 50.200, Dom: 2.060 & 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-40 °C	29	29
2	pH	pH Unit	IS: 3025 (Part 11)-1983	5-14	6.00	8.58
3	Color	PCU Unit	IS: 3025 (Part 6)-1983 (PCU Method)	5-500 Co. Pt. Unit	5	5
4	Total Dissolved Solids	mg/l	2540 C APHA Standard method 21st ed.	10-1000mg/l	2100.00	1018
5	Suspended Solids	mg/l	2540 C APHA Standard method 21st ed.	200-80	100.00	2
6	Ammoniacal Nitrogen	mg/l	4500 NH4 N & C APHA 21st ed.	0.28-1430 mg/l	100.00	9.00
7	Chloride	mg/l	4500 CL & APHA Standard method 21st ed.	5-100mg/l	1000.00	360
8	Suphate	mg/l	APHA 21st ed 4500 SO4 E	0-40mg/l	1000.00	17
9	Chemical Oxygen Demand	mg/l	APHA 21st ed 5220 B	4.0mg/l	100	30.0
10	BOD & Dissolved	mg/l	5020 B APHA standard method 21st ed.	2.0-99900 mg/l	10.00	6.8
11	TSS (O.D. 2 Days 25°C)	mg/l	5000 mg/l	10-1000mg/l	100.00	13

Laboratory Remarks : FR829 By:206-446\_206 Cl: 01/12/2012

Authorized Signature  
D. N. Vasadia, Lab Head

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Note:

- These parameters are covered under the scope of NABL.
- The results refer only to the tested samples and applicable parameters. Endorsement of products is neither intended nor implied.
- Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.
- 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.
- The Board is not responsible for the samples not collected by the Board's officials.
- Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.
- Permissible Limits as per Schedule VI of EPA Rules, 1986 as amended by Second and Third amendment 1993 for Effluents

14/12/2012

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

**GUJARAT POLLUTION CONTROL BOARD**

Gujarat Pollution Control Board, Valsad  
C/5124, GIDC Vapdi,  
Near Hirdal Pichav,  
Valsad - 396195  
Tel: (0260) 243089

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**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 8752 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 and report published in daily news paper 'Gujarat Samachar' dt: 10/03/2010 regarding fish killing in to river auranga at Valsad, nr Railway Bridge, Liapore 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 auranga without treatment through bypass line provided from neutralization tank through the final discharge point of factory drain. One unbracketed w/w sample is collected from the final discharge point of factory drain leading to river auranga having @ 8 pH and 45.0 °C temperature. As per annual action plan of the Board it is required to provide a safe disposal point for deposit 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  
W. V. Patel  
REGIONAL OFFICER

NO-GPCB-ID-23135/ 14  
Issued to:  
M/S. Asha Cellulose (I) Pvt. Ltd,  
Plot no – 303/2, 303/p,  
Abrama,  
Ta: Valsad, Dist: Valsad







### CSR DETAILS

We are contributing regularly towards ESC/CSR for the last many years.

Receipts of contributions are also enclosed.

Financial Year	Total Contribution towards ESC-CSR in Rs.lacs
2015 - 16	13.74
2016 - 17	0.46
2017 - 18	2.57
2018 - 19	5.67
2019 - 20	15.21
Total	37.65

We have also made contributions through our group and the details of as follows. Rs. In Lacs.

Year	Amount	Purpose
2015-16	9.51	To set up computer lab Kumar Shala-1, Valsad
2016-17	11.57	Sewing Machines to Cheshire Home- Mumbai, Computers Vocational Training Centre for Girls-Valsad, Community Hall – Meswan , Thane
2017-18	10.62	Computers & School furniture for Atak Pardi Prathamik Shala, Valsad. Rotary Public Charitable Trust - Mumbai
2018-19	3.48	Drinking Water unit at Navi Nagari Prathamik Shala, Abrama, Valsad
2019-20	2.15	Drinking Water unit at Bagwada High School, Valsad. Developing Urban Dense Forest plantation as pilot project by Miyawaki Technique - Japan

**ANJALI**  
SOCIETY FOR RURAL HEALTH & DEVELOPMENT  
Po: RANASAN, Taluka : Talod -383305  
DIST: SABARKANTHA (GUJARAT) INDIA  
Phone : 02770-282034, 282135  
E-mail : anjalisrhd@yahoo.com,  
anjalisrhd@gmail.com

RECEIPT રસીદ  
**5106**

અંજલિ  
સોસાયટી ફોર રૂરલ હેલ્થ એન્ડ ડેવલપમેન્ટ,  
પોસ્ટ : રણાસણ તાલુકા : તલોદ- ૩૮૩૩૦૫  
જી. સાબરકાંઠા.  
website : www.anjalisrhd.org

₹. 500000/-

Date : 06/03/2020

Name of donor / દાતાનું નામ : Asha Cellulose (I) Pvt. Ltd.  
Address / સરનામું Asha House 208/C, J.B.A Road Dadar  
Mumbai-400014 PAN: AACCA3502K

Received with Thanks rupees / આપના તરફથી રૂપિયા Five Lakh only  
CSR Project

Cash/Cheque/Bank TRNF/ No. 003467  
Date 03/03/2020 Bank of Baroda  
PAN : AAATA2113L

ANJALI  
SOCIETY FOR RURAL  
HEALTH & DEVELOPMENT  
FOR ANJALI / અંજલિ વતી

Trust Registration No. F / 296 / Sabarkantha / 88 Society Registration No. Gujarat / 309 / SABARKANTHA / 88  
As per schedule I Article 53 / B of Indian Stamp Act 1899 Revenue stamp is not needed on a Donation Receipt.  
80G(5) Exemption no.DIT(E)/80 G(5)/1432/2007-2008 valid perpetually (Cash donations up to Rs 2000/yr eligible for 80 G(5) exemption.)



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

DATE	CASH/ CHEQUE	BANK	AMOUNT	NAME OF THE INSTITUTE
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 YOUNK MANDAL
14.09.2015	CASH	-	3000	SARVAJANIK GANESH UTSAV ABRAMA
16.09.2015	CASH	-	500	SHREE GANESH YOUNK 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	

**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	TAPAAWAD YOOVAK MANDAL, ABRAMA
17-10-2016	CHEQUE	BOB/VALSAD	10,500.00	SIGHTSAVERS
31-12-2016	CHEQUE	BOB/VALSAD	25,000.00	KALAYATAN
			<b>45,501.00</b>	

**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	SARVAYAN GANESH MAHOTAS, 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
			<b>2,57,000.00</b>	

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

DATE	CASH/ CHEQUE	BANK	AMOUNT	NAME OF THE INSTITUTE
24.08.2018	CHEQUE	BOB/P/1162	25000	ROTARY PUBLIC CHARITABLE TRUST OF BOMBAY AIR PORT
11.09.2018	CASH	-	1000	SHREE GANESH VINAY MITRA MANDAL
12.09.2018	CHEQUE	BOB/P/1282	2000	BERGER PAINTS EMPLOYEES PUJA SAMITY
12.09.2018	CASH	-	8000	SARYJANIK GANESH UTSAV
24.11.2018	CASH	-	300	
02.01.2019	CHEQUE	BOB/VALSAO/22	25000	KALAYATANI
06.02.2019	CHEQUE	BOB/2023	50000	SHREE PRABHAV HEM KAMDHENU GIRI VIHAR TRUST - CANCER HOSPITAL
11.03.2019	CHEQUE	BOB/VALSAO/23	31000	SHREE VALSAD TALUKA PATEL SAMAJ PRAGATI MANDAL
			<b>567300</b>	

**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	SARVANIKA GANESH MAHOTSAV, ABRAMA, VALSAD
10-09-2019	CASH	CASH/VALSAD	2,500.00	MRI. VATHEN PANDAY
16-09-2019	CHEQUE	BOB/MATUNGA	10,000.00	SHREE PRABHAV HEM KAMDHENU GIRIVIHAR TRUST
23-09-2019	CHEQUE	BOB/MATUNGA	12,000.00	HELP AGE INDIA
			<b>10,21,000.00</b>	

[illegible]

PAN: AACTS1930M

iv

**SHRI BRIHAD BHARATIYA SAMAJ**

N. K. MEHTA INTERNATIONAL HOUSE (BEHIND YOGAKSHENA) 17B, BACKBAY RECLAMATION,  
SARIGURAJI M. CHINAI MARG, MUMBAI - 400 020

DATE: 29/05/2015

No. 872

Received with thanks from Asha Cellulose (I) Pvt Ltd.

DaDa Mumbai - 400044.

Who sum of Rupees Five lakh Only-

By Cheque / Cash

is for the benefit of the Trust.

account of DeWachon to me  
Chw No. 000661 dt. 26/05/15-

For : SHRI BRIHAD BHARATIYA SAMAJ  
For Shri Brihad Bharatiya Samaj



Lactoperoxidase (LOP) OF THE MAMMARY GLAND

PR. 500,000/-

\*Subject to realisation of the cheque.



[illegible]

॥ श्री गं । नमः ॥

स्थापना १९९१

**आशा नगर**

**सार्वजनिक गणेशोत्सव मंडळ**

(Regn. No. 2913/2009/GS&SD w.a.1. 18/12/09 (Mah.))

आशा नगर, वेस्टर्न एक्सप्रेस हायवे, कांदिवली (पूर्व), मुंबई - ४०० १०१.

पावती नं. 73

दि: 15/08/2019

M/S श्री आशा नगर *Asha Nagar (P) Pvt. Ltd.*

CELEBRATION

यांस कडून वर्गणी मिळाली आहे.

रु. 15000/-

धन्यवाद !

खजानची



**Sightsavers**

45, First Floor, Okhla Industrial Estate,  
Phase III, New Delhi - 110020  
Phone : +91 11 6395551/2/3  
+91 11 43017231  
E-mail : support.india@sightsavers.org  
Website : www.sightsaversindia.in

Donor ID : SS2016-19536      Receipt no: SS-R-16-16194  
Acknowledgement no: DEL-16-15366      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) MCI80-G/245/2007/2008-09 (perpetually valid)  
PAN No. of the organization - AAATRD444H

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

**સાહચર્ય**

સીટ નં. 1715      તારીખ 19-10-2016

શ્રી Asha Cellulose Pvt Ltd ની સંસ્થામાં

રૂા. સેન/મો. નં.

આપના તરફથી સંસ્થાને મોકલેલ જરૂરિયાત વિગત મુજબ રૂ. 25000/-  
એક રૂપિયા પચાસ હાજાર પચાસ સદસ્યકો ટકા  
રોકડા/ચેક/ડ્રાફ્ટ નં. 009466 નો સ્વીકાર.

જોડા મળ્યા છે. જેનો સાબર સ્વીકાર કરીને મોકલે.

ક્ર.સં.	વિગત	રકમ રૂ.
1.	આયુષ્ય સત્કાર નોંધણી	
2.	આયુષ્ય સત્કાર - વાર્ષિક કિલોવ માર્ગ	વર્ષ.....
3.	વાર્ષિક સત્કાર ફી	વર્ષ.....
4.	સંસ્થાના વર્ષ - ટુચુલાઈ ફી	માસ.....
5.	સંસ્થાના વર્ષ નોંધણી / ટર્મ ફી	ટર્મ.....
6.	જાહેરાત / ટાઇ	
7.	<u>પ્રાચીન મંદિર</u>	<u>10500.00</u>
		<u>10500.00</u>

The Donation given to this trust is eligible for deduction IT PAN AAATK2445H  
U/s 80G (5) (v) of I.T. Act 1961 vide Letter  
No. CIT/ST/TECH/80G-09 Dt. 07-04-2008 of CIT, Valsad

સંસ્થાના નં. 150, પોલીસ મથક, વીડોડી સ્ટેશન પોલીસ મથક, વાલસાડ-396001.  
સંસ્થાના નં. 150, પોલીસ મથક, વીડોડી સ્ટેશન પોલીસ મથક, વાલસાડ-396001.  
Kalyan Trust Registration No. F-15/Valsad Dt. 03.03.1987  
E-mail: kalyantrust@gmail.com

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

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

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

Received with thanks from M/S. ASHA CELLULOSE / PVT LTD having PAN / ID No. AACC43502G and address ASHA HOUSE, 808 / C, D.R.B.A. ROAD, DADAR T.T., MUMBAI.

As per below particulars:

Corpus Fund	Rs.	200,000.00
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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/SPAT/2013-14 Dated: 24/07/2013

For Samast Patidar Aarogya Trust

Trustee / Authorized Person      Signature of Donor

Exemption Certificate No.  
Surat-CIT-III Tech. 80G/SPAT/2013-14  
Dated - 24/07/2013  
u.s.f. 88/04/2013

**સાહચર્ય**

સીટ નં. 159      તારીખ 19-10-2016

શ્રી Asha Cellulose Pvt Ltd ની સંસ્થામાં

રૂા. સેન/મો. નં.

આપના તરફથી સંસ્થાને મોકલેલ જરૂરિયાત વિગત મુજબ રૂ. 25000/-  
એક રૂપિયા પચાસ હાજાર પચાસ સદસ્યકો ટકા  
રોકડા/ચેક/ડ્રાફ્ટ નં. 009466 નો સ્વીકાર.

જોડા મળ્યા છે. જેનો સાબર સ્વીકાર કરીને મોકલે.

ક્ર.સં.	વિગત	રકમ રૂ.
1.	આયુષ્ય સત્કાર ફી	
2.	આયુષ્ય સત્કાર - વાર્ષિક કિલોવ માર્ગ	વર્ષ.....
3.	વાર્ષિક સત્કાર ફી	વર્ષ.....
4.	સંસ્થાના વર્ષ - ટુચુલાઈ ફી	માસ.....
5.	સંસ્થાના વર્ષ નોંધણી / ટર્મ ફી	ટર્મ.....
6.	જાહેરાત / ટાઇ	
7.	<u>પ્રાચીન મંદિર</u>	<u>10500.00</u>
		<u>10500.00</u>

The Donation given to this trust is eligible for deduction IT PAN AAATK2445H  
U/s 80G (5) (v) of I.T. Act 1961 vide Letter  
No. CIT/ST/TECH/80G-09 Dt. 07-04-2008 of CIT, Valsad

સંસ્થાના નં. 150, પોલીસ મથક, વીડોડી સ્ટેશન પોલીસ મથક, વાલસાડ-396001.  
સંસ્થાના નં. 150, પોલીસ મથક, વીડોડી સ્ટેશન પોલીસ મથક, વાલસાડ-396001.  
Kalyan Trust Registration No. F-15/Valsad Dt. 03.03.1987  
E-mail: kalyantrust@gmail.com

Mr. Shrinu, Thanks for your Co-operation      Harshad Maitani

Mr. Shrinu, Thanks for your Co-operation      Harshad Maitani



દ્રુષ્ટ રજી.નં.ઉ/૧૭૮૮/ભાવનગર      જી.ઓ.સંમુદાય આદિનાયોગ નંબર      ફોન : (૭૨૬૩૨)૨૬૮૦૮૦

શ્રી પ્રભુ-દેવ-કામધેનુ-ગિરિવિહાર ટ્રસ્ટ  
સંચાલિત પંચગવ્ય આધારિત

**શેઠ રસિકલાલજી માણિકચંદ્ર ધાણીવાલ કેન્સર હોસ્પિટલ**

દાન પદ્ધતિ નંબર: 5978      તારીખ: ૬/૧૧/૧૯

મેશનલ હાઈવે, વાઘલધરા, જી. વલસાડ, પીન : ૩૬૬૩૭૫

શ્રીમાન/શ્રીમતી Asha Cellulose (I) Pvt Ltd.  
Asha House, 805/C, Dr. B. A. Road, Dadar T. 1, Mumbai - 400028  
પાન: ADCCAS2502G

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

અ.નં.	વિગત	રકમ
૧	હોસ્પિટલ સંસ્થાના નિભાવ ફંડ ખાતે ભેટ	
૨	હોસ્પિટલ અસરગ્રસ્તિ ફંડ ખાતે ભેટ	5,00,000/-
૩	સવારની નવકારણી ખાતે ભેટ	
૪	બપોરના જમણાભક્તિ ખાતે ભેટ	
૫	આખા દિવસની ભક્તિ ખાતે ભેટ	
૬	આયંધિલ ભક્તિ ખાતે ભેટ	
૭	ઉદ્ઘાટન પાણી ખાતે ભેટ	
૮	ગોચરના સંસ્કારણ ખાતે ભેટ	
૯	અન્ય	

જત આપના તરફથી સંસ્થાને ચેક / ડ્રાફ્ટ / રોકડા અંતે રૂપિયા: Five Lakhs only મળ્યા છે.  
તે ઉપર મુજબ ખાતે જમા કરેલ છે, કરતે: 6/11/19  
ચેક / ડ્રાફ્ટ નં: 00952 તારીખ: 6/11/19  
Bank of Baroda  
Chandrabhan Prasad

આપનારની સહી: Chandrabhan Prasad      લેનારની સહી: [Signature]

Income Tax Exemption under No. DIT(8)80G(5)144/06-07 valid up to 31-03-10  
Registration Number: G1/1903/04 under Foreign Contribution (Regulation) Act, 2010  
The Exemption is valid from 1-4-2010 PAN No. AAAP-2880P

શ્રી અરેશય ધર્મ:      જય શ્યામીનારાયણ

રજી. નં: E/4889/સુરત      સહકાર મહિલા ટ્રસ્ટ  
Pan No. AAETS. 5121L      M.: +91 97275 65060  
M.: +91 63541 81814  
(C): 0261 2282929

www.sahakarmahilatruster.com

૨/૨૦૧, હરીનગર સોસાયટી, ઉલકાનેશન સેડ,  
સુરત-૩૬૪ ૨૧૦.

રકત ક્રમાંક: 984      તા: 9/04/2019

શ્રી/શ્રીમતી/શ્રી ASHA CELLULOSE PT. LTD.

વસ્તુ: Valued      આપના તરફથી

પે અંકે રૂપિયા Two thousand Five Hundred only

રોકડા/ચેક/ડ્રાફ્ટ ₹ 500/-

શ્રી મળેલ છે. જે આભાર સહ સ્વીકારેલ છે.

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

સહકાર મહિલા ટ્રસ્ટ

દ્રુષ્ટ રજી.નં.ઉ/૧૭૮૮/ભાવનગર      જી.ઓ.સંમુદાય આદિનાયોગ નંબર      ફોન : (૭૨૬૩૨)૨૬૮૦૮૦

શ્રી પ્રભુ-દેવ-કામધેનુ-ગિરિવિહાર ટ્રસ્ટ  
સંચાલિત

**શાહ લીલાચંદ તારાચંદ ગિરિવિહાર પાંજરાપોળ**

દાન પદ્ધતિ નંબર: 14012      તારીખ: 16/9/19

મુક્તિનગર, શેરૂંજી દેમ, પાલિતાણા.

શ્રી મુક્તિ ચન્દ્ર અમણ આરાધના ટ્રસ્ટ, ગિરિવિહાર, પાલિતાણા-૩૬૪૨૭૦

શ્રીમાન/શ્રીમતી Asha Cellulose (I) Pvt Ltd.  
Asha House 805/C Dr. B. A. Road, Dadar T. 1, Mumbai - 400028  
પાન: ADCCAS2502G

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

અ.નં.	વિગત	રકમ
૧	કુવટવા ભેટ ખાતે	10,00,000/-
૨	ધારાસારા/અનાજ ભેટ ખાતે	
૩	હવાખર્ચ પેટે ભેટ ખાતે	
૪	પાંજરાપોળ નિભાવ ભેટ ખાતે	
૫	કાચબિ લિફ્ટ ભેટ ખાતે	
૬	કબૂતરને ચણ ભેટ	
૭	કુતરાના સેટલા ખાતે ભેટ	
૮	કુવ છોડાવવાના ભેટ	
૯	અન્ય	

જત આપના તરફથી સંસ્થાને ચેક / ડ્રાફ્ટ / રોકડા અંતે રૂપિયા: 10 Lakhs only મળ્યા છે.  
તે ઉપર મુજબ ખાતે જમા કરેલ છે, કરતે: 16/9/19  
ચેક / ડ્રાફ્ટ નં: 00952 તારીખ: 16/9/19  
Bank of Baroda  
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આપનારની સહી: Chandrabhan Prasad      લેનારની સહી: [Signature]

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xxii Provision shall be made for the housing for the

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	<p>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.</p> <p>The housing may be in the form of temporary structure to be removed after the completion of the project.</p> <p>All the construction wastes shall be managed so that there is no impact on the surrounding environment.</p>	<p>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.</p> <p>Not applicable</p> <p>Not applicable</p>																								
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i	<p>The project authorities shall strictly adhere to the stipulations made by the state Pollution Control Board (GPCB), State Government and any other statutory authority.</p>	<p>We are strictly adhering to the stipulations made in GPCB CCA. The compliance report is attached herewith.</p>																								
	<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 2px solid blue; padding: 10px; text-align: center; width: 45%;"> <p><b>CC&amp;A AWH-87084</b></p> <p><b>COMPLAINCE REPORT</b></p> <p><b>FOR</b></p> <p><b>THE MANUFACTURE</b></p> <p><b>OF</b></p> <p><b>ETHYL CELLULOSE</b></p> <p><b>BY</b></p> <p><b>M/S Asha Cellulose (I) Pvt. Ltd Limited</b>  Plot No. 303/2 &amp; 302/P, Village: Abrama, Tehsil &amp; District: Valsad,  Gujarat</p> </div> <div style="width: 50%;"> <p style="text-align: center;"><u>COMPLIANCE REPORT - CC&amp;A</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr. No</th><th style="width: 65%;">CONDITIONS</th><th style="width: 30%;">COMPLIANCE</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td><td>Consent Order No.: AWH-87084, Date of issue: 12/07/2017.</td><td>We have obtained CCA of the Board vide No. AWH-87084 which is valid up to 31/03/2022.</td></tr> <tr> <td style="text-align: center;">2</td><td>The consents shall be valid up to 31/03/2022 for use of outlet for the discharge of trade effluent &amp; emission due to operation of industrial plant for manufacture of the following items/products:</td><td> <p>We are manufacturing products as per quantity given in the consent.</p> <p>Our trade effluent is not discharge but recycled after treatment. 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Sr. No	CONDITIONS	COMPLIANCE
3.2	The quantity of the trade effluent discharge from the industry shall not exceed <b>121.5 KLD</b> . 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 <b>1.5 KLD</b> .	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.
<b>4 CONDITIONS UNDER THE AIR ACT:</b>		
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:	<ul style="list-style-type: none"> <li>Flue Gas emission from boiler is thru 30 M height self-supported chimney.</li> <li>Spin Flash dryer exhaust is thru 11 M height chimney</li> <li>We are operating and maintaining our air pollution control equipment like dust collector, cyclone separator and bag filter</li> <li>We are maintaining norms of flue gas emission as specified by the Board.</li> </ul> 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
6.4	The authorization shall be valid for a period of <b>31/03/2022</b> .	---
6.5	The authorization is subject to the following general and specific conditions:	---
<b>A GENERAL CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (M&amp;TM) RULES-2016.</b>		
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 etc. 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
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
<b>5 GENERAL CONDITIONS:</b>		
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
<b>6 AUTHORIZATION UNDER HAZARDOUS WASTE AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES-2016, FORM-2 (SEE RULE 6(2))</b>		
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
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 31 <sup>st</sup> March of the year.
14	Annual return shall be filed by June 30th for the period ensuring 31 <sup>st</sup> March of the year.	Agreed
<b>B. SPECIFIC CONDITIONS (WHICHEVER IS APPLICABLE)</b>		
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 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.					We assure you that; we will not carry out any expansion or modification without 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 <sub>10</sub> ,SO <sub>2</sub> ,NO <sub>x</sub> , 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	04/10/2019	67.6	69.8	64.7	65.3	66.0	68.0	62.5	63.0
	2	05/11/2019	68.0	70.1	64.9	65.5	65.9	68.4	62.8	63.3
	3	10/12/2019	68.3	69.8	65.0	65.7	66.5	68.6	63.0	64.3
	4	07/01/2020	67.9	70.3	65.3	66.3	67.0	68.5	62.9	63.8
	5	15/02/2020	68.5	70.5	64.8	65.9	66.6	68.8	63.2	64.1



6	04/03/2020	68.4	70.2	65.2	66.1	66.8	68.7	63.4	64.0
	Min.	67.6	69.8	64.7	65.3	65.9	68.0	62.5	63.0
	Max.	68.5	70.5	65.3	66.3	67.0	68.8	63.4	64.3
	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 Eco system resource Management Pvt. Limited, Surat. (NABL Certificate No. TC- 6603 (in lieu of T02013) dated 15/11/2019 valid until: 14/11/2021.




- 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.



- We have regularly carried out training on safety and health once in a six month through authorized agency.


<div style="display: inline-block; border: 1px solid black; padding: 2px; text-align: center; width: 100px;"> <b>ASHA</b> CELLULOSE         </div> <div style="display: inline-block; text-align: right; width: 150px;"> <b>ASHA CELLULOSE (I) PVT. LTD.</b> </div>	
<b>Effectiveness of Training</b>	
Training Topic :	Loading & unloading of Tankers
Actual Training given Date:	16/01/2020
Post Training Assessment Date:	On day to day basis for a week
<u>Observation from Trainer / Evaluator :</u>	
<p><b>Training Points</b></p> <ol style="list-style-type: none"> <li>1. How to load and unload the Tankers at Asha Cellulose (I) Pvt. Ltd.</li> <li>2. All the checks points during tankers loading and unloading activity.</li> <li>3. Documents (i.e. Challan, Supplier/Manufacturer certificates, tankers documents, P.O., GRN etc) were discussed.</li> <li>4. Precautions while sampling the liquid raw material and solvents and its applicable documentation.</li> </ol> <p><b>Evaluation:</b></p> <p>The information given on training topic was very much useful, subjective &amp; adequate.</p> <p><b>Assessment:</b></p> <ol style="list-style-type: none"> <li>1. Question related to topic have been asked to all participants.</li> <li>2. Answer given by participants for all questions were almost correct &amp; appropriate.</li> <li>3. Few points on the subject of training were again discussed to have more clarity on the subject</li> </ol> <p><b>Effectiveness:</b></p> <p>It has been observed on day to day basis for a week time and found that training was effective.</p> <div style="text-align: right; margin-top: 50px;">   <b>Mr. R. R. Vashi</b> </div>	
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p>Rev. No. : 00</p> <div style="border: 1px solid black; padding: 5px; width: 150px; margin-top: 10px;"> <b>MASTER COPY</b>  <b>ONLY IF RED</b> </div> </div> <div style="width: 40%; text-align: center;"> <p>Date Effective: 01/01/2017</p> <div style="margin-top: 20px;">  </div> </div> <div style="width: 30%; text-align: right;"> <p>PA/FR/06 Page No. 1 of 1</p> <div style="margin-top: 20px;">  </div> </div> </div> <div style="text-align: center; margin-top: 20px;"> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>CONTROLLED COPY</b> </div> </div>	

<div style="display: inline-block; border: 1px solid black; padding: 2px; margin-right: 10px;"> <b>ASHA</b> CELLULOSE         </div> <b>ASHA CELLULOSE (I) PVT. LTD.</b>	
<b>Effectiveness of Training</b>	
Training Topic:	Printing & pasting of Ethylcellulose Labels
Actual Training given Date:	16/12/2019
Post Training Assessment Date:	On day to day basis for a week
Observation from Trainer / Evaluator:	
<p><b>Training Points</b></p> <ol style="list-style-type: none"> <li>Checks for printing of Ethylcellulose labels</li> <li>Precautions to be taken while writing the details on Finished Product drums.</li> <li>Points to consider while pasting the printed labels over drums and verifying the same with written matter present over the drums.</li> <li>Risk involved in pasting the wrong label or writing wrong details over drums.</li> </ol>	
<p><b>Evaluation:</b></p> <p>The information given on training topic was very much useful, subjective &amp; adequate. Audit gives clarity about gaps observed in the system.</p>	
<p><b>Assessment:</b></p> <ol style="list-style-type: none"> <li>Topic related questions have been asked to all participants.</li> <li>Answer given by participants for all questions were almost correct &amp; appropriate.</li> <li>Few points subject to training were again discussed to have more clarity on the subject</li> </ol>	
<p><b>Effectiveness:</b></p> <p>It has been observed on day to day basis for a week time and found that training was effective.</p>	
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 45%;"> <p>Dr. A. K. Rana</p> </div> <div style="width: 45%; text-align: right;">   <p>Mr. R. R. Vashi</p> </div> </div>	

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## TRAINING ATTENDANCE SHEET

Subject : Receipt of Raw Material  
Date & Time : 20/12/2019 13:10 Duration : 0.75 hr  
Faculty/Trainer : Mr. R.R. Vashi

No	Name of Participant	Dept	Signature	Remarks
1	Prasanna J. Patel	Q.C	J.J	-
2	Manish N. Ladd	Q.C	M	-
3	Ritesh D. Patel	Q.C	R	-
4	Vishal I. Jambale	Store	V	-
5	Pravesh C. Puro	Store	P	-
6	Hemant R. Redd	PON	H	-
7	Piyush K. Mishra	Purchase	P.K. Mishra	-

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### Effectiveness of Training

Training Topic:	Receipt of Raw material
Actual Training given Date:	20/12/2019
Post Training Assessment Date:	On day to day basis for a week
Observation from Trainer / Evaluator:	

Observation from Trainer / Evaluator

### Training Points

1. Procedure of receiving Raw material
2. Role of individual department for proper receipt of raw material
3. Precautions and checks to be taken while receipt of raw materials
4. Labeling of the Raw material as per its status and pertaining document flow.

**Evaluation:**

The information given on training topic was very much useful, subjective & adequate. Audit gives clarity about gaps observed in the system.

**Assessment:**

1. Topic related questions have been asked to all participants.
2. Answer given by participants for all questions were almost correct & appropriate.
3. Few points subject to training were again discussed to have more clarity on the subject

It has been observed on day to day basis for a week time and found that training was effective.

Mr. A. K. Rana

Sep  
RS 12/14  
Mr. S. C. Patel

Mr. R. R. Vashi

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## TRAINING ATTENDANCE SHEET

Subject : Damping & its Importance  
Date & Time : 09/11/2019 Duration : 0.75 hrs.  
Faculty/Trainer : Mr. R. R. Vashi

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### TRAINING ATTENDANCE SHEET

Subject : Sampling & its Importance  
Date & Time : 11/11/2019 Duration : 0.75 hrs.  
Faculty/Trainer : Mr. R. R. Vashi

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Effectiveness of Training	
Training Topic :	Sampling & its Importance
Actual Training given Date:	09/11/2019
Post Training Assessment Date:	On day to day basis for a week
Observation from Trainer / Evaluator	
<p><b>Training Points</b></p> <ol style="list-style-type: none"> <li>1. How to perform sampling</li> <li>2. Sampling precautions</li> <li>3. Sampling tools and its cleanliness</li> <li>4. Risk involved if the sampling is not done properly.</li> </ol> <p><b>Evaluation:</b></p> <p>The information given on training topic was very much useful, subjective &amp; adequate.</p> <p><b>Audit</b> gives clarity about gaps observed in the system.</p> <p><b>Assessment:</b></p> <ol style="list-style-type: none"> <li>1. Topic related questions have been asked to all participants.</li> <li>2. Answer given by participants for all questions were almost correct &amp; appropriate.</li> <li>3. Few points subject to training were again discussed to have more clarity on the subject</li> </ol> <p><b>Effectiveness:</b></p> <p>It has been observed on day to day basis for a week time and found that training was effective.</p>	
 Mr. S. C. Patel	 Mr. R. R. Vashi



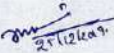
## TRAINING ATTENDANCE SHEET


Subject : Storage of Material in Warehouse  
Date & Time : 20/12/2019 Duration : 0.45 hr  
Faculty/Trainer : Mr. R. R. Vashi

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Effectiveness of Training	
Training Topic:	Storage of Material in Warehouse
Actual Training given Date:	20/12/2019
Post Training Assessment Date:	On day to day basis for a week
<u>Observation from Trainer / Evaluator:</u>	
<p><b>Training Points</b></p> <ol style="list-style-type: none"> <li>1. How to store material in warehouse</li> <li>2. Importance of warehouse storage conditions</li> <li>3. Precautions and checks for storage of material in warehouse</li> </ol> <p><b>Evaluation:</b></p> <p>The information given on training topic was very much useful, subjective &amp; adequate. Audit gives clarity about gaps observed in the system.</p> <p><b>Assessment:</b></p> <ol style="list-style-type: none"> <li>1. Topic related questions have been asked to all participants.</li> <li>2. Answer given by participants for all questions were almost correct &amp; appropriate.</li> <li>3. Few points subject to training were again discussed to have more clarity on the subject</li> </ol> <p><b>Effectiveness:</b></p> <p>It has been observed on day to day basis for a week time and found that training was effective.</p>	
 Mr. A. K. Rana	 Mr. S. C. Patel
	 Mr. R. R. Vashi

Effectiveness of Training	
Training Topic :	Working Safely With Solvent .
Actual Training given Date:	06/10/2019
Post Training Assessment Date:	06/12/2019
Observation from Trainer / Evaluator :	
<p>In the subjected training, there are 15 staffs members have participated and all the participated members have evaluated through training topic oriented questionnaires after completion of the session to evaluate the effectiveness of the given training. The evaluation results are as follows:</p> <p>"Excellent" Grade → 12 staff members (Secured 15/14 out of 15)</p> <p>"Very Good" Grade → 03 Staff members (Secured 13 out of 15)</p> <p>Hence, the given training was fruitful to the participated staff members. Further, all the staff members were evaluated verbally by the trainer after one week from the training conducted date and got the satisfactory answers from them.</p>	
<p style="text-align: right;">/</p> <p style="text-align: right;">   M.C. S.B. Parmar  — Trainer — </p>	



# Asha Cellulose (I) Pvt. Ltd. - Valsad

Subject: Working Safely with solvent  
Date: 6/12/19

Time: 10:00 a.m.

Trainer: SB Parmar

Sr. No.	Name of Participants	Department	Sign
1	Ritesh D. Patel	QC	[Signature]
2	Anup M. Budapatti	PDN	[Signature]
3	Kaushik K. Rathod	PDN	K.K. Rathod
4	Poojapati Sagar J.	PDN	[Signature]
5	Ravali Arav S.	PDN	[Signature]
6	Bhupathi Tejash B.	D.O.N	[Signature]
7	Patel Hiten B.	PDN	H.B. Patel
8	Bakul C. Desai	PDN	[Signature]
9	Sanjay C. Patel	QC	[Signature]
10	Vijay N. Shah	QC (Micro)	[Signature]
11	Dr. Gautam Vaidya	R&D	[Signature]
12	D. J. Ghodigali	PDN	[Signature]
13	Manish N. Jai	QC	[Signature]
14	Anil & Prakash	PDN	[Signature]
15	Dr. A.K. RANA	PDN	[Signature]
16			
17			
18			
19			
20			
21			
22			

# ASHA CELLULOSE - VALSAD

## TRAINING ASSESSMENT FORM

Training Topic : Working Safely With Solvent

Name of trainee : Manish N. Jai

Department : QC

Date : 06-12-19

Name of Trainer : SB PARMAR

Sign : [Signature]

1. Fire requires following elements to occur : (Tick any four)

- Fuel ☒
- Nitrogen ☐
- Oxygen ☒
- Heat Energy ☒
- Fan ☐
- Chemical chain reaction ☒
- ICE ☐

Marks

1

2. The lowest temperature at which a solvent gives off enough vapor to burn when a flame or spark is present is called

- Flash Point ☒
- False Power ☐
- Freezing Point ☐

3. LEL of the solvent means

- Lower emission Limit ☐
- Lower Energy Limit ☐
- Lower Explosive Limit ☒

4. If the flashpoint of the solvent below ambient then fire hazards less and is more difficult to ignite

True / False

5. The more volatile a solvent is (turns into vapor), the more flammable it is

True / False

6. In a small room or confined space like a tank, the vapor levels can quickly go above the LEL / LFL

True / False

# ASHA CELLULOSE (I) PVT. LTD.



## Effectiveness of Training

Training Topic :	Workplace Safety
Actual Training given Date :	03-JAN-2020
Post Training Assessment Date :	03-JAN-2020
Observation from Trainer / Evaluator :	

This training session was specially design for workers and even on all the slide presentations were designed in Gujarati language to proper understanding of the participated workers there were 20 (Twenty) workers participated into the training session and to findout the effectiveness of the training, all the participated workers were evaluated through training topic oriented questionnaires. In the assessment result, it was seen that all the workers had secured "Excellent" grade (marks obtained 10 out of 10).

Therefore, the assessment results itself shows that the training session was fruitful to the participated members.

H. S. Pranjapati  
Trainer

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# ASHA CELLULOSE (I) PVT. LTD.

## TRAINING ATTENDANCE SHEET

Subject : Workplace Safety

Date & Time : 03-JAN-2020 at 2:00 P.M. Duration : 2 hrs.

Faculty/Trainer : Mr. H.S. Pranjapati (External)

No	Name of Participant	Dept	Signature	Remarks
1	Manish N. Jai	QC	[Signature]	
2	Anil M. Patel	R-1	[Signature]	
3	M. M. T.	R-2	M.M.T	
4	Jagdish A. Patel	LAB	[Signature]	
5	Harin. Anand	R-1	P.P. Patel	
6	Gur. Anand	R-1	P.P. Patel	
7	Dr. B. Jai	R-1	R.K.N	
8	Dr. Anand	R-1	B.N.P	
9	Dr. Anand	R-1	S.G.R	
10	Dr. Anand	R-1	R.K.N	
11	Dr. Anand	R-1	M.V. Patel	
12	GAUTAM D. WADHWA	E.T.P		
13	Ramash. D. PATEL	ASHUKOTE	PATEL	
14	Harshik R. Patel	ASHUKOTE	H.R. Patel	
15	Manish C. Nataraj	PELCO	M.N. Nataraj	
16	Sumant R. Patel	Pilot	S.R. Patel	
17	Vijay A. Surji	R-2	[Signature]	
18	Tarun A. Patel	QC	[Signature]	
19	Himanshu A. Patel	QC	H.A. Patel	
20	Manish N. Jai	QC	[Signature]	

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H. S. Pranjapati  
(Trainer)





ASHA CELLULOSE (I) PVT. LTD.

## Effectiveness of Training

Training Topic:	Accountability & Delegation
Actual Training given Date:	03-01-2020
Post Training Assessment Date:	03-01-2020
Observation from Trainer / Evaluator:	

The training session had arranged for staff members and it was conducted by external trainer. The session was continued for two hours. In this training session total of 15 staff members were participated and post the training session, all the participants were evaluated through questionnaires related to the subjected training. In the training assessment result, it was found that all the members secured "excellent" grade (i.e. secured marks 09/10 out of 10). Hence, the given training was fruitful to the all participants as well as the organization.

H. S. Prajapati  
Trainer

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03 - Jan - 2020

## Asha Cellulose (I) Pvt. Ltd.

## Training Assessment Form - Accountability and Delegation

Participant Name: Dharmesh D. Patel Dept: PDR Sign: Dharmesh  
Trainer Name: H. S. Prajapati Sign: H. S. Prajapati

## A. Justify the following statement as either "Yes" or "No"

- Authority refers to the rights inherent in a managerial position to make decisions, give orders, and utilize resources.  
☒ Yes ☐ No
- Accountability is the state of being accountable, liable, or answerable.  
☒ Yes ☐ No
- Being accountable means you have the responsibility for performing assigned tasks.  
☒ Yes ☐ No
- Responsibility is the obligation you have to perform the tasks assigned to you.  
☒ Yes ☐ No
- Delegation is the process of assigning managerial authority and responsibility to managers and employees lower in the hierarchy.  
☒ Yes ☐ No
- To be more efficient, most managers are expected to delegate as much of their work as possible.  
☒ Yes ☐ No
- Fear, insecurity and Self-importance are barriers to delegation.  
☒ Yes ☐ No
- Demonstrate clearly what needs to be done is important step in delegation.  
☒ Yes ☐ No
- For delegation begin with the end in mind is most important.  
☒ Yes ☐ No
- The secret of success is not in doing your own work but in recognizing the right person to do it.  
☒ Yes ☐ No

Total Marks Obtained: 10/10

Signature of the Evaluator: H. S. Prajapati

Score: 0 - 5: Retraining 6-7: Satisfactory 8: Very Good 9 - 10: Excellent

આશા સેલ્યુલોઝ (I) પ્રા. લિ.

તાલીમશીર્ષી નામ: Asha Mondal

તારીખ: 03/01/2020

તાલીમ નો વિષય: કાર્યક્ષેત્ર પર સુરક્ષા

## પ્રશ્નપત્ર

ક્રમાંક	પ્રશ્નો	જવાબ પસંદ કરો	ગુણ
1	ગુડ ક્સપેસ કીપિંગ એટલે વસ્તુ ચોક્કસી રાખવી, બધી વસ્તુ ગોઠવેલી રાખવી	<input checked="" type="checkbox"/> ના	1
2	કાર્યસ્થળ પર ફેક્ટ રસ્તા (શોર્ટકટ) અપનાવવાની વૃત્તિ અકસ્માત નોતરે છે.	<input checked="" type="checkbox"/> ના	1
3	દરેક કાર્ય ની શરૂઆત કરતા પહેલા ધોળો, વિચારો અને પછી આગળ વધો	<input checked="" type="checkbox"/> ના	1
4	પ્લાનમાં કોઈપણ મેઈન્ટેનન્સ કામ કરવા સૌ પ્રથમ વર્ક પરમીટ લેવી જરૂરી છે.	<input checked="" type="checkbox"/> ના	1
5	રસાયણોની રજીસ્ટ્રી થાસમાં ન જાય એ માટે થસન માટેનું સલામતિનું સાધન વાપરો	<input checked="" type="checkbox"/> ના	1
6	ફરજ દરમિયાન વ્યક્તિગત સુરક્ષાના સાધનો જેવા કે હેલ્મેટ, સેફ્ટી શૂઝ, સેફ્ટી ગોગલ્સ ઓછામાં ઓછા તો પહેરેલા હોવા જ જોઈએ	<input checked="" type="checkbox"/> ના	1
7	આગ લાગવા માટે એકીસાથે કેટલા પરિબળો ભેગા હોવા જોઈએ?	એક, બે, ત્રણ, ચાર	1
8	વિદ્યુતથી લગતી આગ માટે પાણી વાપરી શકાય?	<input checked="" type="checkbox"/> ના	1
9	કેટલાક રસાયણોની હેરફેર જો ધ્યાનપૂર્વક ન કરવામા આવે તો તમને અથવા સાથી કામદારને નુકસાન થઈ શકે છે	<input checked="" type="checkbox"/> ના	1
10	મોટા ભાગના અકસ્માતો અસુરક્ષિત કાર્ય, અસુરક્ષિત કાર્યસ્થળ અને અસુરક્ષિત વર્તણૂક ને લીધે થાય છે.	<input checked="" type="checkbox"/> ના	1

કુલ ગુણ 10/10

તાલીમશીર્ષી સહી

તાલીમ આપનારની સહી

H. S. Prajapati



ASHA CELLULOSE (I) PVT. LTD.

## TRAINING ATTENDANCE SHEET

Subject: Batch Record Management

Date &amp; Time: 05/10/2019

Duration: 0.75 hrs.

Faculty/Trainer: Mr. R. R. Vashi

No	Name of Participant	Dept	Signature	Remarks
1	Deepak J. Ghoshal	PDR	<input checked="" type="checkbox"/>	-
2	Hemant R. Patel	PDR	<input checked="" type="checkbox"/>	-
3	S. C. Patel	QC	<input checked="" type="checkbox"/>	-
4	Koushik K. Dhad	PDR	<input checked="" type="checkbox"/>	-
5	Ashish S. Patel	PDR	<input checked="" type="checkbox"/>	-
6	Anand C. Patel	PDR	<input checked="" type="checkbox"/>	-
7	Subhash M. Patel	PDR	<input checked="" type="checkbox"/>	-
8	Mohan N. Lad	QC	<input checked="" type="checkbox"/>	-
9	Ritesh D. Patel	QC	<input checked="" type="checkbox"/>	-
10	Bakul C. Patel	PDR	<input checked="" type="checkbox"/>	-
11	Sunil B. Patel	PDR	<input checked="" type="checkbox"/>	-
12	Sagar J. Prajapati	PDR	<input checked="" type="checkbox"/>	-
13	A. K. Rana	PDR	<input checked="" type="checkbox"/>	-
14	Ashish C. Ghoshal	PDR	<input checked="" type="checkbox"/>	-
15	Sunil S. Prajapati	QC	<input checked="" type="checkbox"/>	-
16	Dharmesh D. Patel	PDR	<input checked="" type="checkbox"/>	-

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### TRAINING ATTENDANCE SHEET

Subject : Batch Record Management  
Date & Time : 08/10/2019 Duration : 0.75 hrs.  
Faculty/Trainer : Mr. R. R. Vashi

[illegible]

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### Effectiveness of Training

Training Topic :	Batch Record Management
Actual Training given Date:	05/10/2019
Post Training Assessment Date:	On day to day basis for a week
Observation from Trainer / Evaluator:	

### Training Points

1. What is Batch record management.
2. Importance of Batch record management.
3. Good Documentation practice in Batch record management.

### Evaluation

**Evaluation:**  
The information given on training topic was very much useful, subjective & adequate.  
Audit gives clarity about gaps observed in the system.

### Assessment

1. Topic related questions have been asked to all participants.
2. Answer given by participants for all questions were almost correct & appropriate.
3. Few points subject to training were again discussed to have more clarity on the subject Effectiveness:

It has been observed on day to day basis for a week time and found that training was effective.

Mr. A. K. Roy

Mr. R. R. Vashi

Rev No: 02

Date Effective: 01/01/2017

PAF-R06  
Page No. 3 of 3

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### TRAINING ATTENDANCE SHEET

Subject : Excursion 20.12.2019  
Date & Time : 21/12/19 Duration : 0.75 hrs  
Faculty/Trainer : Mr. R. R. Vashi

No	Name of Participant	Dept	Signature	Remarks
1	Pujawale Muniraj	STORZ	P.K. Kulkarni	-
2	Kyashika Pandey	PDN	K.K. Kulkarni	-
3	Vijay Chale	CSC	...	-
4	Tekish B. Pawar	PDN	...	-
5	Sagar J. Pawar	PDN	...	-
6	...	PDN	...	-
7	Vishal J. Jambhal	STORZ	...	-
8	...	PDN	...	-
9	...	CSC	...	-
10	Hrishabh S. Tondal	PDN	H.C. Tondal	-
11	...	...	...	-
12	Jyotsna Pandya	...	...	-
13	Hemant R. Adil	PDN	...	-

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### TRAINING ATTENDANCE SHEET

Subject : Expanded Std. 2012.  
Date & Time : 30/12/2019  
Duration : 0.75  
Faculty/Trainer : Ms. P. R. Vashw

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**EXCIPACT Standard Certification 2017**  
**Questionnaire**

- Name Dhruv T. R. Patel Department PON
- All questions carry one mark each.
  - All correct answers have to be ticked off to be eligible to get the full mark, as otherwise only part of the marks will be given.
  - If a wrong answer is given along with correct answer, no mark will be given.
  - Fill up the blanks with one or two sentences/words in blank space provided appropriate to the question.
- EXCIPACT Certification is a standards for pharmaceutical excipient
  - EXCIPACT Certification covers not only PDP but also covers PDP
  - EXCIPACT Standard Certification 2017 is an annex to ISO 9001:2015
  - Excipient is not an API. ☒ right ☐ wrong
  - An Excipient can only be assigned as Pharmaceutical Grade when it is in compliance with pharmaceutical specifications
  - Quality Management System shall include \_\_\_\_\_
  - A Quality unit should not be independent to production department. ☒ right ☐ wrong
  - Customer satisfaction is very important for any organization. ☒ right ☐ wrong
  - Planning of changes & change management is not very important for Quality Management system. ☐ right ☒ wrong
  - Infrastructure shall be designed, Operated, cleaned & maintained to avoid Contamination and any mix up. ☒ right ☐ wrong
  - Water where used in contact with excipients shall conform USP & ICH
  - Top management shall demonstrate leadership & commitment with respect to the quality management system

- The infrastructure shall be designed, operated, cleaned and maintained to avoid contamination and mix-ups of the excipient. ☒ right ☐ wrong
- Adequate lighting shall be provided to facilitate cleaning, maintenance and operations.
- Personnel whose role has an impact on excipient quality shall have written job descriptions. ☒ right ☐ wrong

Date: 27/12/19

Evaluation: 14/15  
Pass  
27/12/2019



**ASHA CELLULOSE (I) PVT. LTD.**

**TRAINING ATTENDANCE SHEET**

Subject : First Aid  
Date & Time : 14.09.2019 10:00 am to 11:00 am  
Duration : 6 hours  
Faculty/Trainer : Dr. Chintan Patel

No	Name of Participant	Dept	Signature	Remarks
1.	Piyush K. Mishra	Store	<u>P. Mishra</u>	
2.	Dharmesh Patel	Recon	<u>D. Patel</u>	
3.	Kaunel Mishra	Account	<u>K. Mishra</u>	
4.	Rakesh D. Patel	QC	<u>R. Patel</u>	
5.	Bakul C. Desai	PON	<u>B. Desai</u>	
6.	Hitesh C. Tayal	PON	<u>H. Tayal</u>	
7.	Rohith K. K. K.	PON	<u>R. K. K.</u>	
8.	Pooja P. Sagar J.	PON	<u>P. Sagar</u>	
9.	Smith D. Patel	ETP	<u>S. Patel</u>	
10.	Munish N. Jain	QC	<u>M. Jain</u>	
11.	Meet P. Patel	MINT	<u>M. Patel</u>	
12.	Hitesh R. Patel	P.D.N	<u>H. Patel</u>	
13.	Bipinchandra M. Patel	P.D.N	<u>B. Patel</u>	
14.	Rakesh L. Nayyar	P.D.N	<u>R. Nayyar</u>	

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**ASHA CELLULOSE (I) PVT. LTD.**

**TRAINING ATTENDANCE SHEET**

Subject : First Aid  
Date & Time : 13.09.19 10:00 am to 4:00 pm  
Duration : 6 hrs  
Faculty/Trainer : Dr. Chintan Patel

No	Name of Participant	Dept	Signature	Remarks
1.	Piyush K. Mishra	Store	<u>P. Mishra</u>	
2.	Bakul C. Desai	PON	<u>B. Desai</u>	
3.	Rakesh D. Patel	QC	<u>R. Patel</u>	
4.	Munish N. Jain	QC	<u>M. Jain</u>	
5.	Pooja P. Sagar J.	PON	<u>P. Sagar</u>	
6.	Rohith K. K. K.	PON	<u>R. K. K.</u>	
7.	Hitesh C. Tayal	PON	<u>H. Tayal</u>	
8.	Meet P. Patel	MINT	<u>M. Patel</u>	
9.	Smith D. Patel	ETP	<u>S. Patel</u>	
10.	Rakesh L. Nayyar	R.2	<u>R. Nayyar</u>	
11.	Hitesh R. Patel	R.2	<u>H. Patel</u>	
12.	Dharmesh Patel	P2	<u>D. Patel</u>	
13.	Kaunel Mishra	Account	<u>K. Mishra</u>	
14.	Bipinchandra M. Patel	PON	<u>B. Patel</u>	

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Signature: [Signature]

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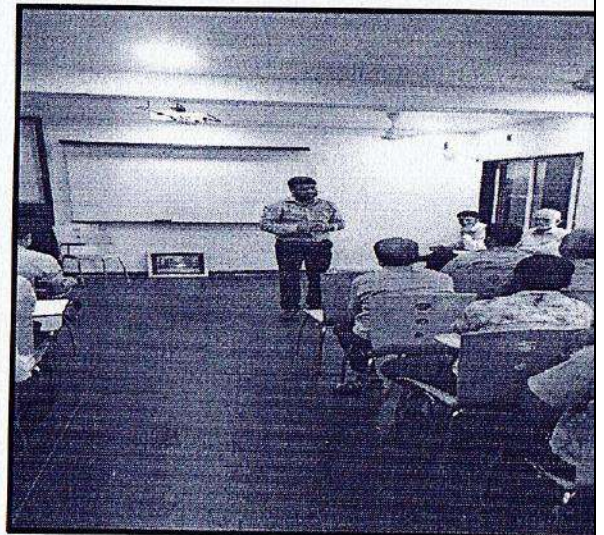
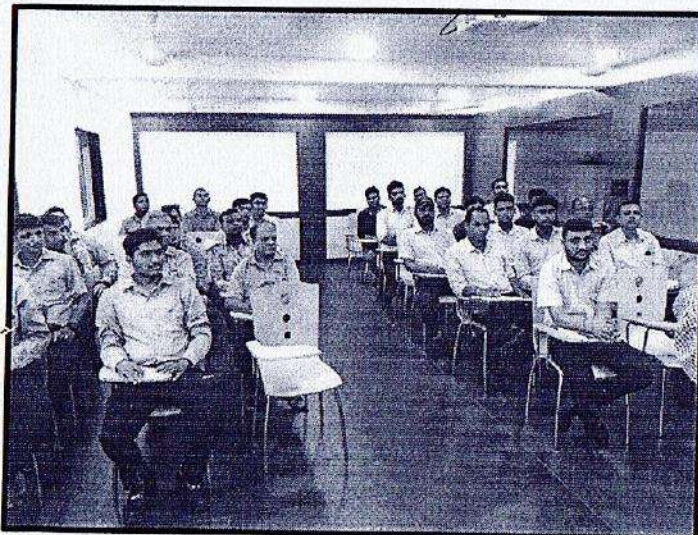
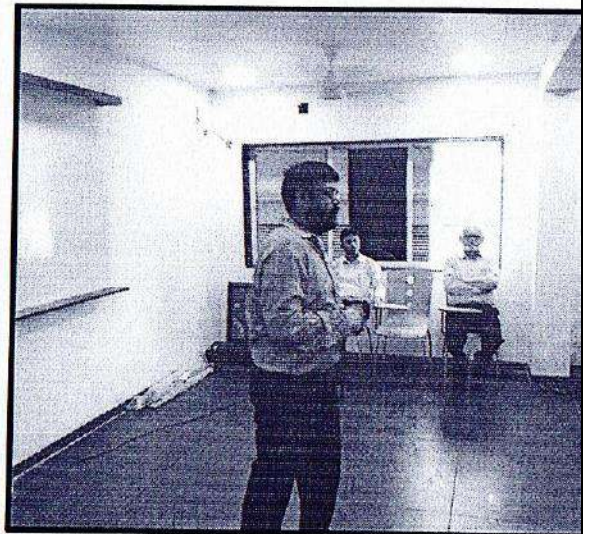
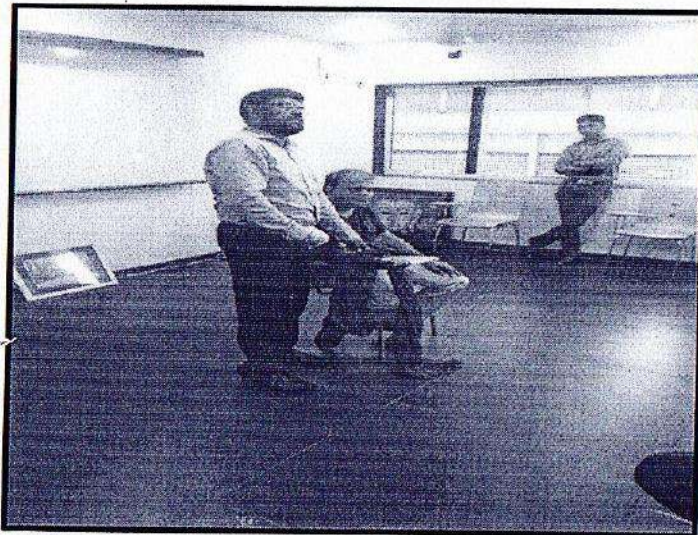
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## Asha Cellulose (I) Pvt. Ltd.

Training Topic : First- Aid  
Faculty : Dr. Chintan Patel  
Date : 13-Sept-2019 & 14-Sept-19  
Duration : 6 hours both days

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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 flammable/ 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 (Max. Storage capacity - MT/ML)	MV/GP PP, °C	LFL/ UFL %	MSHC Applicability	Possible Hazards	Control Measures
1.	Caustic Flakes	100 Bags - 2000 x 50	MP: 223 BP: 1368 PP: N/A	N/A	Sch. I, Part II	Corrosive & Toxic	Decontaminator 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 PP: 39	LFL: 4 UFL: 19.9	Sch. I, Part II	Corrosive & Toxic	Decontaminator Provide. PPE's like apron, goggles, nose mask, hand gloves, gumboots are used while handling, proper & suitable packaging & storage facilities
3.	Ethyl Chloride	12.2 Cylinders - 12x500, 20x250	MP: 158.7 BP: 12.3 PP: -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 & machinery in storage area; fire fighting facilities provided; nitrogen blanket provided.
4.	Toluene	95 Tanks - 15x2, 17x1, 14x2, 10x1, 2.5x1	MP: -55 BP: 110.6 PP: -4	LFL: 1.1 UFL: 7.1	Sch. I, Part II	Flammable & Toxic	Decontaminator Provide. PPE's like apron, goggles, nose mask, hand gloves, gumboots are used while handling, proper & suitable packaging & storage facilities
5.	SDS (Ethanol)	15 17	MP: -114 BP: 78.5 PP: -13	LFL: 3.3 UFL: 19	Sch. I, Part I	Flammable	Decontaminator Provide. PPE's like apron, goggles, nose mask, hand gloves, gumboots are used while handling, proper & suitable packaging & storage facilities
6.	Natural Gas (Methane)	N/A (No Storage supply through 3 inch Pipeline with 300 m/s for pressure)	MP: -162.6 BP: -161.4 PP: -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 & cover coating of pipes. Fire Fighting system.

Note: MP = Melting Point, BP = Boiling Point, PP = 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

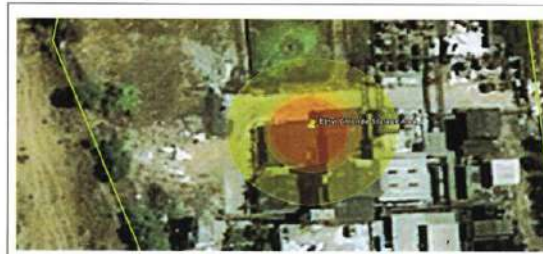
Hazard scenarios as worst case & probable scenarios are considered for the chemicals as described above. The details of the input details considered for risk modelling and outcomes in form of hazard distance & area are presented below for all chemicals under respective heading for all chemicals.



#### 6.4.2.2.1 Ethyl Chloride

INPUT DATA				
Chemical Data:				
Chemical Name:	ETHYL CHLORIDE		Stored Quantity:	600 Kg (Single Cylinder)
Molecular Weight:	54.51 g/mol		Ambient Boiling Point:	12.3° C
Specific Gravity:	0.9214 @ 0°C		Ambient Flash Point:	-50.0° C (cc)
Ambient Saturation:	1,000,000 ppm (100.0%)		Vapor Pressure:	1010 mm Hg at 20 ° C
Concentration:			Vapor Density:	2.22
Flammability Limits	LEL: 38000 ppm UEL: 154000 ppm		Toxicity Data:	IDLH: 3800 ppm TWAEs: 1000 ppm
Atmospheric Data:				
Ground Roughness: urban or forest			Stability Class: F	
Wind: 1.9 meters/second from W at 10 meters (Annual Mean)			Relative Humidity: 75%	
Cloud Cover: 5 tenths Air Temperature: 26.15° C				
OUTCOME OF SCENARIO MODELS				
Jet Fire Scenario: (Leakage - Short Pipe/Valve, 1 inch)				
Heat Flux (KW/m <sup>2</sup> )	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: 200 kg/min, Burn Duration: 3 Min, Max. Flame Length: 12 M, Total Amount Burned: 600 Kg				
Fireball (BLEVE) Scenario: (Leakage - Short Pipe/Valve, 1 inch)				
Heat Flux (KW/m <sup>2</sup> )	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: 45 m, Fireball Duration: 4 Second, Pool Diameter: 0 M, Pool Burn Duration: ~1 Min, Flame Length: 1 m.				
Toxic Dispersion: (Total Failure, 600 Kg Instantaneous Leakage)				
Toxicity Limit	Distance (m)	Effect if IHR at Height of simulation		
IDLH: 3800 ppm	138	Immediately Dangerous to Life & Health		
TWAEs: 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: 15 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.



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 SC for the last many years. We have earmarked Rs.75 lakhs @ 5% of total project cost. Out this we have made contributions of Rs.37.65 lakhs so far. Balance contributions shall be made in next 5 years.

#### Details of CSR

We are contributing regularly towards ESC/CSR for the last many years.

Financial Year	Total Contribution towards ESC-CSR in Rs.lacs
2015 - 16	13.74
2016 - 17	0.46
2017 - 18	2.57
2018 - 19	5.67
2019 - 20	15.21
Total	37.65

We have also made contributions through our group and the details of as follows. Rs. In Lacs.

Year	Amount	Purpose
------	--------	---------



2015-16	9.51	To set up computer lab Kumar Shala-1, Valsad
2016-17	11.57	Sewing Machines to Cheshire Home- Mumbai, Computers Vocational Training Centre for Girls-Valsad, Community Hall – Meswan , Thane
2017-18	10.62	Computers & School furniture for Atak Pardi Prathamik Shala, Valsad. Rotary Public Charitable Trust - Mumbai
2018-19	3.48	Drinking Water unit at Navi Nagari Prathamik Shala, Abrama, Valsad
2019-20	2.15	Drinking Water unit at Bagwada High School, Valsad. Developing Urban Dense Forest plantation as pilot project by Miyawaki Technique - Japan

**ASHA CELLULOSE (INDIA) PVT LTD**

ASHA HOUSE, PLOT NO.808/C  
DR.BALPOND, DADAR T.T.  
MUMBAI - 40014  
TEL : (022) 43641400, FAX : (022) 4137190  
WORKS : NEAR WATER WORKS, ABRAMA,  
DIST. VALSAD - 396001, TEL : (02032) 57919

**DONATION A/C**

**01-04-2015 To 31-03-2017**

Date	Vouc. No.	Name	Bill No	Bill No	Debit	Credit	Balance
<b>DONATION A/C</b>							
17-04-2015	Pmt96	BANK OF BARODA VALSAD BEING AMOUNT PAID TO SHREE CHANDRAKOLSHWER MAHDEV			25,000.00		25,000.00Dr
26-05-2015	Pmt449	BANK OF BARODA, MATUNGA - MUMBAI SHRI BRIHAD BHARATIYA SAMAJ DONATION PAID TO SHRI BRIHAD BHARATIYA SAMAJ			9,00,000.00		9,25,000.00Dr
14-08-2015	Pmt1174	ASHA NAGAR SARVAJANK GANESHOTSAV MANDAL DONATION PAID CASH - VALSAD			15,000.00		5,40,000.00Dr
26-09-2015	Cpm794	BEING AMOUNT PAID TO B.J.P. FOR DIVIDYAL BIRTH DAY CELEBRATION AS PER ATTACHMENT			5,000.00		5,45,000.00Dr
09-09-2015	Cpm894	BEING AMOUNT PAID ABRAMA TAPRWAAD YOO'YAK MANDALAS PER ATTACHMENT			1,000.00		5,46,000.00Dr
14-09-2015	Cpm911	CASH - VALSAD BEING AMOUNT PAID TO SARVAJANK GANDES UTSHAV ABRAMA			3,000.00		5,49,000.00Dr
16-09-2015	Cpm925	BEING AMOUNT PAID TO SHREE GANESH YOO'YAK MANDALAS PER ATTACHMENT			500.00		5,49,500.00Dr
06-10-2015	Pmt1507	BANK OF BARODA, MATUNGA - MUMBAI PATEL SOCIAL GROUP DONATION PAID			5,00,000.00		10,49,500.00Dr
12-10-2015	Pmt1502	BANK OF BARODA VALSAD VARSHANAVI KALAYAN TRUST			2,500.00		10,52,000.00Dr
18-01-2016	Pmt2424	KALAYATAN DONATION TO KALAYATAN CASH - VALSAD			11,000.00		10,63,000.00Dr
07-03-2016	Cpm1827	BEING AMOUNT PAID DONATION TO SHREE CHANDRAKOLSHWER TRUSTS PER ATTACHMENT			11,000.00		10,74,000.00Dr
10-03-2016	Pmt2935	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	Jm1132	Profit/Loss A/C				13,74,000.00	
21-04-2016	Cpm16-17094	CASH - MUMBAI DONATION PAID RECEIPT ATTACHED			501.00		501.00Dr
21-06-2016	Cpm16-17094	DONATION PAID RECEIPT ATTACHED CASH - VALSAD			5,000.00		5,501.00Dr
02-08-2016	Cpm16-17094	BEING AMOUNT PAID TO B.J.P. FOR DIVIDYAL BIRTH DAY CELEBRATION AS PER ATTACHMENT			3,000.00		8,501.00Dr
		SARVAJANK GANESH UTSHAV ABRAMA					

**ASHA CELLULOSE (INDIA) PVT LTD**

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WORKS : NEAR WATER WORKS, ABRAMA,  
DIST. VALSAD - 396001, TEL : (02032) 57919

**DONATION A/C**

**01-04-2015 To 31-03-2017**

Date	Vouc. No.	Name	Bill No	Bill No	Debit	Credit	Balance
03-08-2016	Cpm16-17097	CASH - VALSAD BEING AMOUNT PAID SHREE GANESH YOO'YAK MANDAL AS PER ATTACHMENT			900.00		9,001.00Dr
		Opening Balance			9,001.00		9,001.00Dr
03-08-2016	Cpm16-17097	CASH - VALSAD BEING AMOUNT PAID ABRAMA TAPRWAAD YOO'YAK MANDALAS PER ATTACHMENT			1,000.00		10,001.00Dr
17-10-2016	Pmt16-17100	BANK OF BARODA VALSAD SIGHTSAVERS			10,500.00		20,501.00Dr
31-12-2016	Pmt16-17214	KALAYATAN DONATION TO KALAYATAN			25,000.00		45,501.00Dr
31-03-2017	Jm16-17199	Profit/Loss A/C				45,501.00	
		<b>Total (Rupees)</b>			<b>14,13,501.00</b>	<b>14,13,501.00</b>	



**ASHA CELLULOSE (INDIA) PVT LTD**

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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****01-04-2017 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. 24AACCA3502G12D

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							
Cpm:GST/17-18/0156	19-08-2017	Opening Balance			46,000.00		46,000.00Dr
		CASH - VALSAD	Cpm:GST/17-18/0156		3,000.00		49,000.00Dr
		BEING AMOUNT PAID TO SARVAJANIK GANESH UTSHAV ABRAMA					
Pmt:GST/17-18/0266	23-08-2017	BANK OF BARODA, MATUNGA - MUMBAI	Pmt:GST/17-18/0266		4,000.00		53,000.00Dr
		BERGER PAINTS EMPLOYEES PUJA COMMITTEE					
Cpm:GST/17-18/0805	16-12-2017	CASH - MUMBAI	Cpm:GST/17-18/0805		1,000.00		54,000.00Dr
		AMOUNT PAID FOR EXPS AS PER MEMO ATTACHED					
Pmt:GST/17-18/1269	19-12-2017	BANK OF BARODA, MATUNGA - MUMBAI	Pmt:GST/17-18/1269		2,00,000.00		2,54,000.00Dr
		SAMAST PATIDAR AAROGYA TRUST					
Pmt:GST/17-18/1962	14-03-2018	BANK OF BARODA VALSAD	Pmt:GST/17-18/1962		3,000.00		2,57,000.00Dr
		PRAKASH K. MODI					
Jrm:GST/17-18/0129	31-03-2018	Profit/Loss A/C	Jrm:GST/17-18/0129			2,57,000.00	
		Total (Rupees)			2,57,000.00	2,57,000.00	



**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****01-10-2018 To 31-03-2019**

<i>Vouc. No.</i>	<i>Date</i>	<i>Name</i>	<i>BILL NO.</i>	<i>Bili No</i>	<i>Debit</i>	<i>Credit</i>	<i>Balance</i>
<b>DONATION A/C</b>							
		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:2018-19/201	02-01-2019	BANK OF BARODA VALSAD KALAYATAN	Pmt:2018-19/2181		25,000.00		56,300.00Dr
Pmt:2018-19/223	06-02-2019	BANK OF BARODA, MATUNGA - MI IMRAI	Pmt:2018-19/2523		5,00,000.00		5,56,300.00Dr
Pmt:2018-19/53	11-03-2019	SHREE PRABHAV HEM KAMDHENU GIRIVIHAR TRUST BANK OF BARODA VALSAD SHREE VALSAD TALUKA PATEL SAMAJ PRAGATI MANDAL	Pmt:2018-19/2763		11,000.00		5,67,300.00Dr
		<b>Total (Rupees)</b>			<b>5,67,300.00</b>		<b>5,67,300.00Dr</b>

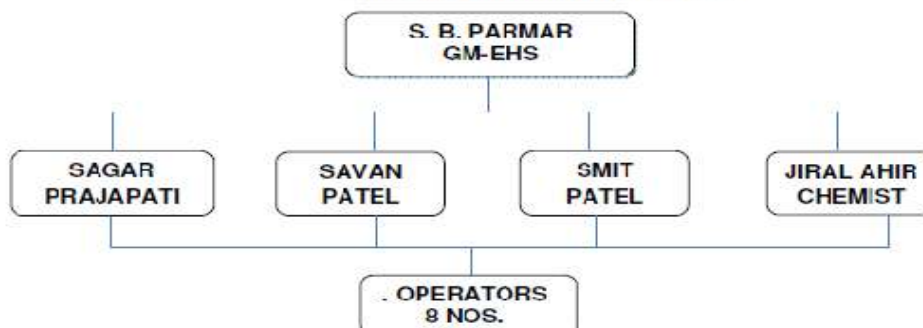
- |      |                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. | <p>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.</p> <p>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.</p> <p>Enclosed the current EMC with designation and name of the persons with qualification.</p> |





## 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  $103^\circ C$  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  $Fe(NH_4)_2(SO_4)_2 \cdot 6H_2O$  (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  $\Rightarrow$  425 mg diluted to 1000 ml ]
- 4.2.4 **Ferriin Indicator**  
Dissolve 1.485 gm 1, 10-Phenanthroline monohydrate and 695 mg  $FeSO_4 \cdot 7H_2O$  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 ferriin 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**
- $$COD \text{ mg/L} = \frac{(a-b) \times M \times 8000 \times \text{Dilution Factor}}{\text{mL of sample}}$$
- 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 goggles 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  $MnSO_4 \cdot 4H_2O$  or 400 gm  $MnSO_4 \cdot 2H_2O$  or 364 gm  $MnSO_4 \cdot H_2O$  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  $Na_2S_2O_3 \cdot 5H_2O$  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.  
 $1ml \text{ of } 0.025 \text{ N } Na_2S_2O_3 = 1.0 \text{ mg of D.O./L}$   
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**

- Oven
- Analytical Balance
- 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 desiccator to cool to normal temperature and take the final weight of the filter paper.

**4.3 Calculations**

$$MLSS \text{ (mg/L)} = \frac{(A-B) \times 10^6}{\text{Volume of sample}}$$

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**

- Silica crucible
- Muffle furnace
- 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 desiccator to cool to the normal temperature and take the final weight.

**4.3 Calculations**

$$\text{Ash contents (mg/L)} = \frac{(A-B) \times 10^6}{\text{Volume of sample}}$$

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	<p>The company shall earmark sufficient funds toward capital cost/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.</p> <p>The funds so provided shall not be diverted for and other purpose.</p>	<p>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 &amp; Forests as well as the State Government along with the implementation schedule for all the conditions.</p> <p>We ensure that the said fund is already Utilized for the development of environmental management system as mentioned in the data sheet.</p> <p>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.</p> <p>We have allocated adequate amount of funds towards capital and recurring cost. Details of capital expenses and recurring expenses are enclosed herewith. We have not diverted any allocated fund.</p>
------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

ETP OPERATION COST		Figures in Rupees		
PARTICULARS	16-17	17-18	18-19	
PRODUCTION	188441	297202	306267	
RO Plant operation & maintenance Expenses - ROCHEM	1067432	1067432	1116164	
SALARY	2185489	1969910	1908740	
ETP Sludge Disposal Expenses	23916	59154	40672	
Salt Disposal Expenses	892742	1207166	829007	
HW transport expenses (FORAM TRANSPORT)	432650	487316	665472	
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	<p>A Copy of the Clearance letter shall be sent by the project proponent to Concerned Panchayat, Zila Parishad/Municipal Corporation Urban local Body and the local NGO, if any from Whom suggestions / Representations if any were received while processing the proposal.</p>	<p>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.</p>
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xv	<p>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.</p> <p>A copy of Environmental Clearance and six Monthly Compliance status report shall be posted on the website of the company.</p>	<p>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.</p> <p>We will upload six monthly compliance reports on our web site.</p> <p>We are now regularly updating our website. EC compliance reports up to March 2019 were uploaded.</p>
xvi	<p>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.</p>	<p>We have enclosed copy of Form ‘V’ for the year 2017 -18 and 2018-19 for your reference.</p>
	Environmental statement	



# ASHA CELLULOSE (I) PVT. LTD.

Works : Near Water Works, Abrama, Valsad-382 043, Gujarat, India  
Phone : +91 2632 254391-25505, 65202, Mobile : 9879707011, 9897930111 Fax : +91 2632 227019  
Email : valsa@ashacell.com Website : www.ashacell.com CIN No. : U27300AH1987PT000729



## 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. Saravan 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 (SIC Code) Secondary (SIC Code)	MSME
(iii) Production Capacity - Units MT/Month	Ethyl Cellulose (Aqueous Process) - 70 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 provision 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(I)) 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 (S.S.R. 22031) of the Gazette of India - Extraordinary-Part-II Section-3 (i) No. 120 dated 13-2-1993.

\* Every person carrying on an industry, operation or process requiring Consent under Section-25 of the Water (Prevention & Control of pollution) Act, 1974 (60 of 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 31<sup>st</sup> March in Form -V to the concerned State Pollution Control Board on or before the thirtieth day of September every year, beginning 1993.

Page 1 of 4

# ASHA CELLULOSE (I) PVT. LTD.

Works : Near Water Works, Abrama, Valsad-382 043, Gujarat, India  
Phone : +91 2632 254391-25505, 65202, Mobile : 9879707011, 9897930111 Fax : +91 2632 227019  
Email : valsa@ashacell.com Website : www.ashacell.com CIN No. : U27300AH1987PT000729



### 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	COB: 1.35 Kgs/day BOD: 0.435 Kgs/day SS: 0.77 Kgs/day	COB: 65 mg/l BOD: 19 mg/l SS: 22 mg/l	Within GPCB Norms Within GPCB Norms Within GPCB Norms
(b) Air	PM <sub>10</sub> : 0.9225 Kgs/day SO <sub>2</sub> : 0.7944 Kgs/day NO <sub>2</sub> : 0.781 Kgs/day	PM <sub>10</sub> : 16.00 mg/Nm <sup>3</sup> SO <sub>2</sub> : 17.58 mg/Nm <sup>3</sup> NO <sub>2</sub> : 17.963 mg/Nm <sup>3</sup>	Within GPCB Norms Within GPCB Norms Within GPCB Norms

### PART - D

As specified under Hazardous Wastes / Management and Handling Rules, 2016

Hazardous Waste	Total Quantity	
	During the previous financial year	During the current financial year
(a) From Process - M.E.L. - Sol (MT)	522.415	442.565
(b) ETP Sludge (MT)	20.56	22.415
(c) Used Oil (Sold to registered recycler) - 1.	0.174	Nil
(c) Discarded Containers (MT) (Sold to Authorized recycler)	2.514	4.596
(d) Dust from air Filter recycled in process (Kgs)	57	45
(e) Recovered Solvent recycled in the process (MT)	108.542	178.653
(f) Solid (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	-	-
(c) Quantity recycle or re-used within the unit	-	-

Page 2 of 4

Regd. Office : Asha House, Plot No. 808/C, Dr. B. A. Road, Dabhoi T.T. Marolai - 400 014, India.  
Phone : +91-22-26111400, 4064400 • Fax : +91-22-26137190 • E-mail : ashacell@ashacell.com

# ASHA CELLULOSE (I) PVT. LTD.

Works : Near Water Works, Abrama, Valsad-382 043, Gujarat, India  
Phone : +91 2632 254391-25505, 65202, Mobile : 9879707011, 9897930111 Fax : +91 2632 227019  
Email : valsa@ashacell.com Website : www.ashacell.com CIN No. : U27300AH1987PT000729



## PART - B

### Water and Raw Material Consumption

#### (I) Water Consumption M<sup>3</sup>/Day - 24

Domestic : 1.0 M<sup>3</sup>/Day  
Industrial Process : 18.0 M<sup>3</sup>/Day  
Boiler & Cooling : 5.0 M<sup>3</sup>/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 Ethyl Cellulose 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	0.8
Sodium Hydroxide		3.31	3.12
Ethyl Chloride		3.25	3.10

• Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

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# ASHA CELLULOSE (I) PVT. LTD.

Works : Near Water Works, Abrama, Valsad-382 043, Gujarat, India  
Phone : +91 2632 254391-25505, 65202, Mobile : 9879707011, 9897930111 Fax : +91 2632 227019  
Email : valsa@ashacell.com Website : www.ashacell.com CIN No. : U27300AH1987PT000729



## PART - F

Please specify the characterization (in terms of composition and quantity) of hazardous as well as solid and indicate disposal practice adopted for both these categories of wastes.

Physical form with Description	Qty.	Chemical Form	Disposal Method
ETP Sludge - Solids	24.3	Bio Mass and oil	Disposed to: TSDU
M.E.L. Waste		Neutralization Salt	Disposed to: TSDU
Used Oil - Liquid	3.1	Oil	Sold to Authorized recycler
Discarded Container	23.3	Polycarbonate, HDPE, Plastic	Sold to Authorized recycler
Recovered Solvent - Liquid	20.2	Emul Chloride, Toluene, Ethyl, Ethanol, acid	Sold to approved recycler
Process waste Sol - Solids	28.1	Neutralization Salt	Disposed to: TSDU

## 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.

Nil: (a) Adequate health of chimney provided to steam boiler  
(b) Natural Gas used in boiler and for Air compressor  
(c) Dust collector installed in Dryer

S&H: Hazardous waste sent to nearest storage unit & disposed in TSDU

## PART - H

Additional measures / investment proposals for environmental protection including statement 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

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xvii	<p>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 <a href="http://envfor.nic.in">http://envfor.nic.in</a>.</p> <p>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.</p>	<p>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 <a href="http://envfor.nic.in">http://envfor.nic.in</a>.</p> <p>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.</p>
xviii	<p>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.</p>	<p>We have completed the expansion project and commissioned in the November 2015 with the help of our own fund.</p>