



# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

By R.P.A.D.

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

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

#### CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

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

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 **121.5 KLD**. Entire effluent shall be treated in ETP, followed by RO & MEE and achieve **zero liquid discharge condition**.

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

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

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

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

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

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

Stack No.	Stack attached to	Stack height in Meter	Parameter	Permissible Limit
1.	Boiler (3 TPH)	30	PM SO <sub>2</sub> NO <sub>x</sub>	100 mg/NM <sup>3</sup> 100 ppm 50 ppm
2.	Boiler II (800 Kgs/Hr)	15		
3.	Boiler III (800 Kgs/Hr)			
4.	Boiler IV (800 Kgs/Hr)			



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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

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 nighttime is reckoned between 10 p.m. and 6 a.m.

**5 GENERAL CONDITIONS: -**

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

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

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

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

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

**Details of Authorization:**

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





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

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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.



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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/ 418210

Date: 20/07/2017

Issued to:

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