



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector 10-A, Gandhinagar 382010

Phone : (079) 23226295

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 5(4) of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules'2008 & as amended from time to time framed under the Environment (Protection) Act-1986.

And whereas Board has received consolidated consent application Inward **I.D.NO. 59681** dated **01/08/2012** for the amendment in Consolidated Consent and Authorization (CC & A) of this Board and 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 BHARUCH ENVIRO INFRASTRUCTURE LTD. (TSDF)

PLOT NO. 9701-16, 9801-28, 9601-04, 10001-10008,

G-7&8, 7924-27, - 9401-9412, 9501-9506, 7905 E to H,

G I D C ANKLESHWAR - 393002

1. Consent Order No: AWH – 50809, Date of Issue 29-10-2012.

The consents under Water Act – 1974, Air Act – 1981 and Hazardous Waste (M,H&TM) Rules – 2008 shall be valid up to **31/07/2017** for the following activities at **PLOT NO. 9701-16, 9801-28, 9601-04, 10001-10008, G-7&8, 7924-27, - 9401-9412, 9501-9506, 7905 E to H, G I D C ANKLESHWAR - 393002**

SR. NO.	PRODUCTS	TOTAL
1.	Secured Land Fill Site (Phase I & II)	23,00,000 MT
2.	Common Incineration Facility along With Heat Recovery System And Evaporator System	13 Million Kcal/Hour (120 MTD)
3.	Plastic Granuales (Recyclable)	75 MT/M
4.	Processing of Plastic Waste to reuse as RDF	100 MT/M
5.	Drum Decontamination and Disposal System	1,08,000 Nos/Year

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2. SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS

- 2.1 You shall have to strictly comply with all the conditions mentioned in the Environment Clearance granted by Ministry of Environment & Forest vide bearing no. 10-48/2007-IA-III dated 04th March 2008.
- 2.2 You shall have to comply with all the recommendations, suggestions and Environmental stipulations given by Hon. Supreme Court of INDIA, Ministry of Environment & Forests New Delhi, Central Pollution Control Board Delhi and Gujarat Pollution Control Board from time to time.
- 2.3 You shall have to strictly adhere and comply with the Guidelines / Manuals published by the different authorities for Construction and safe operation of the Hazardous Waste TSDF / Incineration sites like (a) Criteria for Landfills (b) Manual for design, construction and quality control of liners and covers of Hazardous Waste Landfills (c) Guideline for proper functioning and upkeep of disposal site (d) Guideline for transportation of Hazardous Waste (e) Guideline for setting up of operating facility (f) Guideline for Hazardous waste Incinerator etc., along with the instruction and stipulation issued time to time for the safe handling, construction and operating of Hazardous Waste TSDF / Incineration Sites.
- 2.4 In case of deviation or alteration in the project including the implementing agency, a fresh reference shall be made to GPCB and MoEF, New Delhi for modification in the Clearance conditions or imposition of new one for ensuring environmental protection. The project proponent shall be responsible for implementing the suggested safe guards.
- 2.5 You shall have to follow the Guideline for Transportation, Storage, Handling and Labeling of Hazardous Waste published by CPCB.
- 2.6 You shall have to take all the precautions to control fugitive emission and Odour control form the different operations of your site as per the Guideline of CPCB.
- 2.7 The Project proponent shall make necessary arrangement for online monitoring of below shown parameter online and display it online on XGN.

Sr No.	Air Emission Parameter	Water Parameter at outlet of ETP
1	Flow of Emission	Flow of outlet
2	SOx	pH
3	NOx	TOC or COD
4	Particulate Matter (PM)	Ammonical Nitrogen

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- 2.8 The project proponent shall use Hazardous waste tracking system of Xtended Green Node (XGN) for on line real time data updation on Transportation of Hazardous waste by them. The compilation of real time data for preparing online manifest by the generator, Transporter and receptor shall have to be maintained on daily basis & submitted by the generator and receptor of the facility to the concern Regional Office, GPCB and Head Office, GPCB, Gandhinagar.
- 2.9 The project proponent shall have to transport Hazardous waste through dedicated tanker with GPS (Global Positioning System) enable system and in line with Hazardous waste (M,H&TM) Rules-2008.

3.0 CONDITIONS UNDER WATER ACT 1974:

- 3.1 The generation and discharge of industrial effluent from the common facilities and other related operations of the site shall not exceed **312 KL / Day**.
- 3.2 The quantity of the domestic waste water (Sewage) shall not exceed **26 KL / Day** after expansion of the site.
- 3.3 Sewage shall be disposed of through septic tank/soak pit system.

4.0 Trade Effluent:

- 4.1 The applicant shall be required to make storage facilities to store the effluent for at least 48 hours by providing acid proof brick lined impervious tanks HDPE tanks.
- 4.2 The applicant shall make fixed arrangement for loading the effluent from their collection tanks to the tanker of ETL. The unit shall not keep any by-pass line or system or loose or flexible pipe line for loading the effluent into the tanker of ETL.
- 4.3 Leachate from hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be conveyed along with industrial effluent to the CETP of ETL.
- 4.4 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent lifted into the tanker of ETL.
- 4.5 The ENTIRE quantity of industrial effluent shall have to be conveyed by ETL. In no circumstances the effluent either treated or untreated shall be discharged into GIDC drain or anywhere else.

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- 4.6 Disposal system for storm water shall provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
- 4.7 The applicant shall be responsible for loading its effluent into the tankers of the ETL for transporting the effluent. Due care shall be taken to avoid any leakage or spillage of effluent during loading the tanker.
- 4.8 ETL shall strictly observe & comply the standards for the discharge of trade effluent sewage FETP.
- 4.9 ETL have to modify / improve performance of existing Effluent treatment facilities for efficiency & adequacy in order to comply with prescribed standards in respects of effective operation of effluent treatment plant with regards to notification No.P/111(3) Board's Standards/33129 dated 30th October 2001 in light of High Court order in SCANo.4473 of 97 dated 21/10/99.
- 4.10 If the effluent contains heavy metals, phenols & cyanide, the ETL member unit shall have to treat the effluent within its premises to confirm to the following standards (whichever applicable).

PARAMETERS	PERMISSIBLE LIMIT
Zinc (Zn)	6.0 mg/l
Total Chromium	2.0 mg/l
Nickel (Ni)	3.0 mg/l
Mercury (Hg)	0.01 mg/l
Cyanide (as CN)	0.2 mg/l
Pesticides	Absent
Phenolic Compounds	1.0 mg/l
Lead (Pb)	0.1 mg/l
Copper (Cu)	3.0 mg/l
Hexavalent Chromium	0.1 mg/l
Cadmium (Cd)	1.0 mg/l
Arsenic (As)	0.2 mg/l
Selenium	0.05 mg/l
BOD	3600 mg/l
COD	11000 mg/l
Free Acidity	55000 ppm

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- 4.11 The applicant shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day and is also basis required to submit the complied record of one month to the GPCB & ETL on or before fifth days of the succeeding month.
- 4.12 In case shut-down of plant for more than three days for any reason, the ETL unit member shall intimate to ETL authority & GPCB well in advance for the better operation & management of CETP.
- 4.13 The applicant shall either stop or curtail its production activities if the effluent is not adequately-treated by the CETP of ETL to conform to the standards specified by GPCB.
- 4.14 The authorized representative of ETL shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities / ETP of required of the applicant.
- 4.15 In case of incinerators, the flow measuring devices for mother liquor / toxic effluent / Non-biodegradable effluent, light diesel oil, furnace oil, etc, i.e. fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording device as well as gaseous flow measuring devices for scrubber shall also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB & ETL on monthly basis.
- 4.16 The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed.
- 4.17 If the ETL authority terminates the membership of CETP the ETL member unit shall have to close down the manufacturing activities/ industrial operation of the process plant immediately until the ETL membership is resumed.
- 4.18 The applicant shall also comply with the General Condition (Whichever applicable from No.1 to 25) attached herewith.
- 4.19 The applicant shall put up at the entrance a board displaying ETL membership number & date of joining ETL, the name of unit, particulars of the products/ process and the name of proprietor / partners / directors of the unit and the electricity consumer number as on the record of GEB.
- 4.20 The Environmental Management Unit / Cell shall be setup to ensure implementation on and monitoring of environment safeguards and other

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condition stipulated by statutory authorities. The Environmental Management Cell / Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These Cells also coordinate the exercise of environmental audit and preparation of environmental statements.

- 4.21 The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitted to this Board latest by 30th September of every year.
- 4.22 The Board reserves the right to revoke and / or refuse consent and / or make modification in the conditions which it deems fit in accordance with provisions of Water Act – 1974.
- 4.23 In case of change of ownership / management the name and address of the new ownership / partners / directors / proprietor should be intimate to this Board.
- 4.24 The applicant shall have to submit EVERY MONTH the certified copies of challans (endorsed by ETL) regarding the quantity of industrial effluent (No. of Tankers) delivered per month to CETP of ETL.
- 4.25 Unit shall strictly observe & comply to the standards for the discharge of trade effluent sewage in to Amlakhadi as per notification No.P/111(3) Board's standards/33129 dated 30th October 2001.
- 4.26 Unit have to modify / improve performance of existing Effluent treatment facilities for efficiency & adequacy in order to comply with prescribed standards in respects of effective operation of effluent treatment plant with regards to notification No. P/111(3) Board's standards/33129 dated 30th October 2001 in light of High Court in SSA No.4473 of 97 dated 21/02/99.

5.0 CONDITIONS UNDER AIR ACT 1981:

- 5.1 The following shall be used as fuel in the Common Hazardous Waste Incinerator, DG Set and Heater depending upon the Calorific value of the Hazardous waste received.

Sr. No.	Fuel	Quantity
1	H.S.D	0.200 KL/Hr
2	Natural Gas	480000 NM ³ /M
3	FO / Natural Gas (Boiler)	350 KG/Hr or 13200 NM ³ /M

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5.2 The Flue Gas emission through stack attached to the below shall conform to the following standards

Sr. No	Stack Attached to	Stack height in Meter	APCM	Permissible Limit
1	D.G Set 600 KVA (Two Nos)	11	Adequate Stack Height	Particulate Matter : 150 Mg/NM ³ SO ₂ :100 PPM NO _x : 50 PPM
2	Heat Recovery Boiler	30	Adequate Stack Height	Particulate Matter : 150 Mg/NM ³ SO ₂ :100 PPM NO _x : 50 PPM

5.3 The Process Gas emission through stack attached to the Hazardous Waste Incinerator shall conform to the following standards:

Sr. No.	Stack Attached to	Stack height in Meter	Air Pollution Control System	Permissible Limit
1	Incinerator 1	45 meter	Quencher, Cooler Bag Filter and Scrubber	Emission standards for Hazardous waste as approved by Central PCB and published in Guideline for Common Hazardous Waste Incinerator given at Condition 5.4
2	Incinerator 2	45 meter	Quencher, Cooler Bag Filter and Scrubber	

5.4 The applicant shall operate air pollution control system in order to achieve norms prescribed by Central PCB and published in Guideline for Common Hazardous Waste Incinerator shown below.

Parameter	Emission standard	
Particulates	50 mg/Nm ³	Standard refers to half hourly average value
HCl	50 mg/Nm ³	Standard refers to half hourly average value
SO ₂	200 mg/Nm ³	Standard refers to half hourly average value

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CO	100 mg/Nm ³	Standard refers to half hourly average value
	50 mg/Nm ³	Standard refers to daily average value
Total Organic Carbon	20 mg/Nm ³	Standard refers to half hourly average value
HF	4 mg/Nm ³	Standard refers to half hourly average value
NO _x (NO and NO ₂ expressed as NO ₂)	400 mg/Nm ³	Standard refers to half hourly average value
Total dioxins and furans	0.1 ng TEQ/Nm ³	Standard refers to 6-8 hours sampling. Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence.
Cd + Th + their compounds	0.05 mg/Nm ³	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Hg and its compounds	0.05 mg/Nm ³	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Sb + As + Pb + Cr + Co + Cu + Mn + Ni + V + their compounds	0.5 mg/Nm ³	Standard refers to sampling time anywhere between 30 minutes and 8 hours.

5.5 Stack monitoring facilities like port-hole, platform/ladder etc., shall be provided with stack/vents chimney in order to facilitate sampling of gases being emitted in to the atmosphere as per standard MoEF / CPCB guideline..

5.6 Ambient air quality within the premises of the industry shall conform to the following standards: -

PARAMETER	PERMISSIBLE LIMIT	PERMISSIBLE LIMIT
	Annual	24 hrs. Average
Particulate matter-10(PM ₁₀)	60 Microgram/NM ³	100 Microgram /NM ³
Particulate matter-2.5 (PM _{2.5})	40 Microgram/NM ³	60 Microgram /NM ³
SO ₂	50 Microgram/NM ³	80 Microgram /NM ³
No _x	40 Microgram/NM ³	80 Microgram /NM ³



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- 5.7 All measures for the control of Environmental Pollution shall be provided before commencing the Incineration.
- 5.8 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 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

6. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES From-2 [See rule 3(c) & 5 (5)].

Form for grant of authorization for occupier or operator handling hazardous waste.

6.1 Number of authorization: AWH - 50809 Date of issue: 29-10-2012.

6.2 M/s. **BHARUCH ENVIRO INFRASTRUCTURE LTD.** is hereby granted an authorization to operate facility for following hazardous waste on the premises situated at **PLOT NO. 9701-9716, 9801-9828, 9901-28, 9601-9604. 10001-10008, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E TO H, GIDC ESTATE, ANKLESHWAR, DIST-BHARUCH.**

Sr. No.	Waste	Quantity	Schedule	Facility
1	Organic Incinerable Waste (Solid/Liquid/ Semi Solid)	43200 MTA	36.4	Reception from member units through dedicated vehicle/ store/ incinerate with in premises.
2	Used Oil	7.2 KL/Yr	5.1	Collection, Storage, Sell to CPCB registered refiners.
3	Discarded Containers	1404 MTA	33.3	Collection, Storage, decontamination & detoxification.
4	Discarded Containers	1404 MTA	33.3	Collection, Storage, and sent to authorized Recycler.
5	Incinerable Ash from incineration of Hazardous waste	12600 MT/Yr	36.1	Collection, Storage, disposal at TSDF – BEIL.
6	Chemical Sludge from Evaporator	9000 MTA	34.3	Collection, Storage, disposal at TSDF – BEIL.

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- 6.3 The authorization is granted to operate a facility of TSDF – Cell No. II and CHWIF by reception of Hazardous waste from member units, treatment & disposal it at TSDF site.
- 6.4 The authorization shall be force for a period up to Five years valid up to 31/07/2012.
- 6.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act – 1986.
- 6.6 The applicant shall submit third party certification for construction of remaining cells of TSDF-Phase-2 with reference to plan and design approved to GPCB, Gandhinagar well in advance.
- 6.7 The applicant shall submit third party certification for post closure TSDF-Phase-1 with reference to plan and design approved to GPCB, Gandhinagar well in advance.
- 6.8 The applicant shall follow first come first waste incineration of waste received.
- 6.9 The applicant shall strictly follow the CPCB's guidelines for transportation Hazardous waste, operation of TSDF and incineration of waste at CHWIF.
- 6.10 The applicant shall have to regularly monitor ground water, ambient air quality and shall submit reports to GPCB and CPCB regularly.
- 6.11 The applicant shall submit monthly report with details of Hazardous waste received, treatment given, stock lying and disposal of at landfill site.
- 7. Conditions of Authorisation for Occupier/ Operator Handling for the Disposal of Hazardous Wastes through Co-Processing :**

7.1.1 The Applicant industry is permitted to send the following High Calorific Value (High C.V) Hazardous wastes only to the valid authorized Cement Industry i.e. M/s. Ambuja Cement Limited Kodinar, Junagadh by this Board for being utilized in co-processing in the cement kiln.

Sr. No	Name & Cat. of Waste	Quantity in MT/ Year	Mode of disposal
1.	Waste Mix Liquid	16000 MTA	To send at M/s. Ambuja Cement Ltd. Kodinar Junagadh for disposal through Co-Processing

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- 7.1.2 The Applicant should not store hazardous waste for more than 120 days as per the Hazardous Waste (Management Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
- 7.1.3 The industry should take necessary steps for prevention of any spillages/ Leaching etc. in respect of Hazardous waste from the premises.
- 7.1.4 The applicant shall have to transport Hazardous Waste for the co-processing purpose through dedicated tankers with GPS enabled system in line with Hazardous Waste Rules – 2008.
- 7.1.5 The Applicant shall use Hazardous Waste tracking (HWT) system of Xtended Green Node (Xgn) for online real time data for preparing online manifest system for regular updation retrieval and maintain record thereof and to furnish details to the concerned GPCB, Regional Office & Head Office, Gandhinagar at regular interval.
- 7.1.6 The Applicant should maintain good house keeping & maintain proper records for Hazardous Wastes mentioned in Authorization.
- 7.1.7 The Applicant should maintain proper records for Hazardous Wastes mentioned in Authorization in FORM-3 [Rule-22(1)] i.e., quantity of Incinerable waste, Land disposal waste, Recyclable waste etc., and file annual returns in Form-4 as per Rule 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.
- 7.1.8 The Applicant should submit the point wise compliance report on half yearly basis and monthly report in prescribed format annexed here with as (Annexure – 'A') to the Hazardous Waste Cell at Head Office Gandhinagar.
- 7.1.9 The Applicant should take all precautionary measures to prevent odour nuisance and spillages during the storage handling and transportation of hazardous wastes.
- 7.1.10 The Guidelines published by CPCB in February-2010 on co-processing in cement plants should be followed strictly.
- 7.1.11 The Applicant should obtain prior permission of trial run for co-processing of wastes for which regular permission is not issued by CPCB to any Cement plant.

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- 7.1.12 The Applicant should follow the Guidelines of CPCB for labeling, transportation, storage and disposal of hazardous wastes in an environmental sound manner.
- 7.1.13 The Applicant should adhere with stipulation/ conditions mentioned by CPCB while granting regular permission for co-processing of waste as per order no B-33014/H-42/2009/PCI-II/1398 dated:27/04/2012 under the Rules-11 of Hazardous Waste (M,H&TM) Rules-2008 read with various provision of the EPA, 1986.
- 7.1.14 The Applicant should dispose the E-waste/ Used Oil- Waste Oil/ Lead Acid Batteries to authorized recyclers/ re-processors only and relevant notification thereof.

7.2 Specific Conditions: (whichever is applicable)

- 7.2.1 It shall be the responsibility/duty of the applicant to take adequate steps while handling hazardous wastes to contain contaminants and prevent accidents and their consequences on human and environment, and prevent person working on the site with information, training and equipment necessary to ensure their safety.
- 7.2.2 The applicant shall be liable for all damage caused to the environment or third party due to improper handling of the hazardous wastes or disposal of the hazardous wastes.
- 7.2.3 The applicant shall be liable to pay financial penalties as levied for any violation of the provisions under Hazardous Wastes (Management, Handling and Trans Boundary Movement) Rules, 2008 by the State Pollution Control Board with the prior approval of the Central Pollution Control Board.
- 7.2.4 The applicant shall ensure that the hazardous waste are packaged and labeled, based on the composition in a manner suitable for safe handling, storage and transport. The labelling and packing shall be easily visible and be able to withstand physical conditions and climatic factors as per the guidelines issued by the Central Pollution Control Board from time to time. The transport of hazardous wastes shall be in accordance with the provisions of the rules made by the Central Government under the Motor Vehicles Act, 1988 and other guidelines issued from time to time and the



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transporter shall comply with the provisions of Hazardous Wastes (Management, Handling and Trans Boundary Movement) Rules, 2008.

- 7.2.5 In case of transportation of hazardous wastes through a State other than the State of origin or destination the occupier shall intimate the concerned State Pollution Control Boards before, he hands over the hazardous wastes to the transporter (if applicable).

8. TERMS AND CONDITIONS OF AUTHORISATION.

- 8.1 The applicant shall comply with the provisions of the Environment (Protection) Act- 1986 and the rules made there under.
- 8.2 The applicant shall comply with all guidelines with respect to TSDF and CHWIF published by CPCB, New Delhi.
- 8.3 The authorized shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- 8.4 The persons authorized shall not rent, lend, sell, transfer or otherwise transport the Hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- 8.5 Any unauthorized change in personnel, equipment of working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- 8.6 It is duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- 8.7 An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).
- 8.8 Industry shall have to display the relevant information with regard to Hazardous waste as dedicated in the Court's order in W.P.No.657 of 1995 dated 14th October 2003.
- 8.9 Industry shall have to display on-line date outside the main factory gate with regard to quantity and nature of Hazardous chemicals being handled in the plant, including waste water air emissions and solid Hazardous waste generated within the factory premises.
- 8.10 Industry shall submit audit report within 15 days and sub squinty by 31st January every year.

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- 8.11 Industry shall submit audit report within through Schedule-I auditor twice in a year.
- 8.12 Industry shall strictly follow the CPCB guidelines for common incinerator.
- 8.13 Industry shall not receive waste more than 120 days of installed capacity.

**FOR AND ON BEHALF OF
GUJARAT POLLUTION CONTROL BOARD**


(V.R.PATEL)
SENIOR ENVIRONMENT ENGINEER

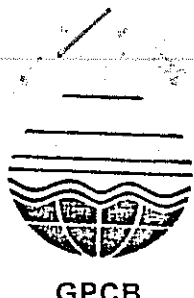
Issued to:

No.GPCB/CCA-BRCH-167(13)/ID-14983/134176

Date: 04/01/2013

M/s. BHARUCH ENVIRO INFRASTRUCTURE LTD.

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By R.P.A.D.

No.GPCB/ CCA-BRCH-167(13)/ID-14983/152395 Date:

24 JUL 2013

To,
M/s. Baruch Enviro Infrastructure Pvt. Ltd.
PLOT NO. 9701 to 9716, 9801 to 9828,
9901 to 9906, 9923 to 9928, 9801 to 9814,
9601-9604, 10001-10003, G-7 & 8,
7924-7927, 9401-9412, 9501-9506,
7905 E to H Adjoining to the present site
at GIDC Ankleshwar, Dist.-Bharuch, Gujarat

Sub: Corrigendum in the CCA order No. GPCB/CCA-BRCH-167(13)/ID-14983/134176 dated 04-01-2013.

Ref: Your letter vide No. beil/ank/1/13 dated 31/01/2013

Corrigendum in the CCA order No. GPCB/CCA-BRCH-167(13)/ID-14983/134176 dated 04-01-2013 where in the following correction shall be incorporated.

- (A) The condition No. 5.6 on page No. 8 in order mentioned above is replaced as below :
- 5.6 Ambient air quality within the premises of the industry shall conform to the following standards: -

PARAMETER	Concentration in Ambient Air		Method of Measurement
	Annual	24 hrs. Average	
Particulate matter-10 (PM 10)	60 µg/m ³	100 µg/m ³	Gravimetric, TOEM Beta attenuation
Particulate matter-2.5 (PM 2.5)	40 µg/m ³	60 µg/m ³	Gravimetric, TOEM Beta attenuation
SO ₂	50 µg/m ³	80 µg/m ³	Improved West and Gacke Ultraviolet fluorescense
No _X	40 µg/m ³	80 µg/m ³	Modified Jacob & Hoecheiser (Na-Arsenite) Chemiluminescence
Benzene	5 µg/m ³	-----	Gas chromatography based continuous analyzer Adsorption and Desorption followed by GC analysis

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B. E. I. L.

16 JUL 2013

Inward No. 536
Time 12:13 Sign. (N)



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Benzo (a) pyrene (BaP)- Particulate Phase only	01 ng/m ³	-----	Solvent extraction followed by HPLC/GC analysis
Arsenic(As)	06 ng/m ³	-----	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper
Nickel (Ni)	20 ng/m ³	-----	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper
Lead (Pb)	0.50 µg/m ³	1.0 µg/m ³	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper ED-XRF using Teflon filter
Ammonia	100 µg/m ³	400 µg/m ³	Chemiluminescence Indophenol blue method
Ozone	100 µg/m ³ 8 hours	180 µg/m ³ 1 hour	UV photometric Chemiluminescence Chemical Method
Carbon Monoxide (CO)	02 µg/m ³ 8 hours	04 µg/m ³ 1 hour	Non dispersive Infra Red (NDIR) spectroscopy

(B) In furtherance to above the below shown ten corrections shall also be incorporated:

Sr No	In Existing Order	Correction	Reference
1	PLOT NO. 9701-16, 9801-28, 9601-9604, 10001-10008, G-7&8, 7924-27, 9401-9412, 9501-9506, 7905 E TO H, G I D C, ANKLESHWAR-393002	Plot No - 9701 to 9716, 9801 to 9828, 9901 to 9906, 9923 to 9928, Road Between plot No. 9801 to 9814, 9601-9604, Kishok land Between Plot No. 9701 to 9716. 10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H Adjoining to the present site at GIDC Ankleshwar, Dist.-Bharuch, Gujarat	Address of the Unit on Page No. 1
2	Parameters Permissible limit Zinc (Zn) 6 mg/l	Parameters Permissible limit Zinc (Zn) 5 mg/l	Condition No. 4.10 page No. 4

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GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

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3	The Environmental Audit shall be carried out yearly.	The Environmental Audit shall be carried out half yearly.	Condition No. 4.21 page No. 6
4	Heat Recovery Boiler	Boiler	Condition No. 5.2 (Sr No. 2)
5	TSDF Cell No.-II	TSDF Phase - II	Condition NO. 6.3 page No. 10
6	The Authorization shall be forced for a five years valid up to 31/07/2012	The Authorization shall be forced for a five years valid up to 31/07/2017	Condition No. 6.4 page No. 10
7	TSDF Phase - I	TSDF Phase - II	Condition No. 6.7 page No. 10
8	120 days	180 days	Condition No. 7.1.2 page No. 11
9	The industry shall submit audit report within 15 days and sub squinty by 31st January Every year.	The industry shall submit audit report within 15 days and sub sequently by 31st January and 31st July Every year.	Condition No. 8.10 page No. 13
10	120 days	180 days	Condition No. 8.13 page No. 14

All other conditions stipulated in the CC&A order vide letter No. GPCB/CCA-BRCH-167(13)/ID-14983/ 134176 dated 04-01-2013 shall remain unchanged.

For & On Behalf of,
Gujarat Pollution Control Board,

(J.K. Vyas)

Senior Environment Engineer.

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