



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

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 6(2) of the Hazardous and Other Waste (Management and Transboundary) Rules, 2016 framed under the Environmental (Protection) Act-1986.

And whereas Board has received consolidated consent application inward No.175161 dated 24/04/2020 for the **Renewal of 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:

the provisions /rules of the aforesaid environmental acts)

(Under

To,
M/s Rama Cylinder P. Ltd. (Unit -II) (32648),
Plot No: 629 to 637, KSEZ
Gandhidham, Dist: Kutch.

1. Consent Order No. **AWH -108445**, Date of issue : 22/06/2020.
2. The consents shall be valid upto 09/05/2025 for the use of outlet for the discharge of trade effluent and emission due to operation of industrial plant manufacturing of the following items/products

Sr. No.	Product	Quantity (MT/M)
1	High Pressure Cyclinder	2,70,000 Nos/Annum

Subject to specific condition:

1. You shall not carry out any activity that may attract the provisions of the EIA Notification – 2006 & its amendment there in.
2. Industry shall not withdraw groundwater without prior NOC from CGWA as per Hon. National Green Tribunal order.
3. Industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).

3. Conditions under the Water act:

- 3.1. Source of Water: - KASEZ
- 3.2. The quantity of the fresh water consumption for industrial purpose shall not exceed 190 KLD.
- 3.3. The quantity of the fresh water consumption for domestic purpose shall not exceed 20 KLD.
- 3.4. The quantity of industrial effluent generated from the manufacturing process and other ancillary industrial operations shall not exceed 50 KLD.
- 3.5. The quantity of domestic waste water shall not exceed 20 KLD.

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- 3.6. The applicant shall operate effluent treatment system efficiently so that effluent from the industrial unit shall conform to the following prescribed standards.

PARAMETER	PERMISSIBLE LIMIT
pH	6.5 to 8.5
Temperature	40°C
Colour (Pt. Co. scale units)	100 units
Suspended Solids	100 mg/L
Oil & Grease	10 mg/L
Phenolic Compound	01 mg/L
Amonical Nitrogen	50 mg/L
BOD (3 Days at 27°C)	30 mg/L
COD	100 mg/L
Chlorides	600 mg/L
Sulphates	1000 mg/L
Total Dissolved Solids	2100 mg/L
Percent Sodium	60%
Sulphides	02 mg/L
Total Chromium	02mg/ L

- 3.7 The treated industrial effluent conforming to the above standards shall be reused in process upto maximum extent & remaining shall be discharge on land for gardening, within premises.
- 3.8 Industry shall provide fixed pipeline network with flow-meter for even distribution of treated effluent.
- 3.9 Industry shall provide fixed pipeline for reuse of treated effluent and maintain its record.
- 3.10 Industry shall provide flow-meter at inlet and outlet of ETP and maintain its record.
- 3.11 Domestic effluent shall be disposed off through septic tank/soak pit system.
- 3.12 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.

4. Conditions under the Air Act:

- 4.1. The following shall be used as a fuel in D.G set, Hardening, Tempering and Quenching Process ;

Sr. No.	Utility	Fuel	Quantity
1	D.G. Set (180 KVA) (Stand by facility)	Diesel	750 Lit/Day
2	Hardening, Tempering, Quenching Furnace	LDO or LPG	3000 Lit/Day 2000 Kg/Day
3.	Paint Booth Heater	LPG	500 Kg/Day

- 4.2. The applicant shall install & operate air pollution control system efficiently in order to achieve prescribed norms.



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- 4.3. The flue gas emission through stack attached to DG sets and boilers shall conform to the following standard.

Stack No.	Stack attached to	Stack height in Meter	APCM	Parameter	Permissible Limit
1	D.G. Set 180 KVA , (Stand by facility)	04	--	PM SO ₂ NO _x	150 Mg/Nm ³ 100 Mg/Nm ³ 50 Mg/Nm ³

- 4.4. The process gas emission through stack attached to Acid oil plant and dust collection system shall conform to the following standards

Stack No.	Stack attached to	Stack height in meter	APCM	Parameter	Permissible Limit
1.	Hardening, Tempering & Quenching Furnace	21	--	PM SO ₂ NO _x	150 Mg/Nm ³ 40 Mg/Nm ³ 25 Mg/Nm ³
2	External & Internal shot blasting	7	Filter Bag Dust Collector		
3	Painting Booth	11	---		

- 4.5. The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10meters from the source) other than the stack/vent) shall not exceed the following levels.

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in µg/M ³
1.	Sulphur Dioxide (SO ₂)	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO ₂)	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM ₁₀	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) OR PM _{2.5}	Annual 24 Hours	40 60

- 4.6. 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.
- 4.7. 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

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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.

4.8 D.G. Sets Conditions

The D.G. Set shall have acoustic enclosure and shall comply with the standards specified at Sr. no. 95 of Schedule-I of the rule-3 of E.P. Rules -1986 and Noise pollution level as per the Air Act-1981.

D.G. Sets standards:-

The flue gas emission through stack attached to D.G. Sets shall conform to the following standards.

- a) The minimum height of stack to be provided with each of the generator set shall be $H = h + 0.2 (KVA)^{1/2}$, where H = Total stack height in meter, h = height of the building in meters where or by the side of which the generator set is installed.
- b) Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- c) The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side (if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.
- d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- e) All efforts shall be made to bring down the noise level due to the D.G. Set, outside the premises, within the ambient noise requirements by proper siting and control measures. Installation of a D.G. Sets must be strictly in compliance with the recommendations of the D.G. Set manufacturer.
- f) A proper routine and preventive maintenance procedure for the D.G. Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use

5. AUTHORIZATION as per HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY) RULES, 2016 Form-2 [See rule 6 (2)]

Form for grant of authorization for occupier or operator handling Hazardous waste

5.1 Authorization order No:-AWH -108155 Date of issue: **22/06/2020**

5.2 M/s Rama Cylinder P. Ltd. (Unit -Ii) (32648), is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Plot No: 629 to 637, KSEZ Ta. Gandhidham, Dist: Kutch

Sr. No.	Waste	Quantity	Schedule &Category	Facility
1	ETP Sludge	3.8 MT / Y	I-35.3	Collection, Storage, Transportation, Disposal at common TSDF site



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2	Used or spent oil	2.4 L/Y	I- 5.1	Collection, Storage, Transportation, Disposal by selling out to registered recycler.
3	Discarded barrels/ containers/ liners	720 Nos/ Year	I-33.1	Collection, Storage, decontamination and selling out to registered recycler
4	Paint Booth Residue	1 MT/Year	I-21.1	Collection, Storage, Transportation, Disposal at common TSDF site

5.3 The authorization shall be valid up to **09/05/2025**.

5.4 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.

5.5 The authorization is granted to operate a facility for collection, storage within factory premises transportation and ultimate disposal of Hazardous wastes as per condition no 5.2 to the industry having valid CCA of this Board.

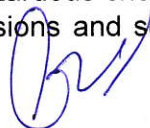
5.6 TERMS AND CONDITIONS OF AUTHORISATION

1. The applicant shall comply with the provisions of the Environment (Protection) Act-1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
3. The persons authorized shall not rent, lend, sell, and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
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;
6. The person authorized 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"
7. It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
8. An application for the renewal of an authorization shall be made as laid down in rules 6(2) under Hazardous and Other Waste Rules, 2016.

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9. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
10. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
11. The hazardous and other wastes 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.
12. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
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. The waste generator shall be totally responsible for (i.e. collection, storage, transportation and ultimate disposal) the wastes generated.
15. Records of waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form-4 by 30th day of June of every year for the preceding period April to March.
16. In case of any accident, details of the same shall be submitted on Form-11 to Gujarat Pollution Control Board.
17. As per "Public Liability Insurance Act-91" company shall get Insurance Policy if applicable.
18. Empty drums and containers of toxic and hazard material shall be treated as per guideline published for "Management & Handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
19. In case of transport of hazardous wastes to a facility for (i.e. treatment, storage and disposal) existing in a State other than the State where hazardous wastes are generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board or Committee of the concerned State of Union Territory Administration where the facility exists.
20. Unit shall take all concrete measures to show tangible results in waste generation, reduction, avoidance, reuse and recycle. Actions taken in this regard shall be submitted within three months and also along with Form-4.
21. Industry shall have to display the relevant information with regards to hazardous waste as indicated in the Hon. Supreme Court's Order in W.P. No.657 of 1998 dated 14th October, 2003.
22. Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including wastewater and air emissions and solid hazardous wastes generated within the factory premises.





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5.7 SPECIFIC CONDITIONS:-

1. The authorized 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 authorization.
2. Handling over of the hazardous and other wastes to the authorized actual user shall be only after making the entry in the passbook of the actual user.
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.
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.
6. The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.
7. The occupiers of facilities shall not store the hazardous and other wastes for a period not exceeding **ninety days**. Prior permission of the Board shall be obtained for extension of the storage period.
8. The occupier shall maintain the records of generation, sale, storage, transport, recycling, co processing and disposal of hazardous waste and make available during the inspection.
9. The transportation of the hazardous waste shall be carried out in GPS mounted dedicated vehicles.

6. GENERAL CONDITIONS: -

- 6.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 6.2 Applicant shall also comply with the general conditions given in annexure I.
- 6.3 Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, concerned Police Station Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body.
- 6.4 In case of failure of pollution control equipments, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.
- 6.5 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions 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

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- internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.
- 6.6 The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
- 6.7 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 6.8 In case of change of ownership/management the name and address of the new owners/ partners/directors/proprietor should immediately be intimated to the Board.
- 6.9 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme order in w.p. no. 657 of 1995 dated 14th October 2003.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD



(Smt. U.K. Upadhyay)
Environmental Engineer

NO: GPCB/CCA-Kutch-547/ID-32648/564244

Date:- 10/07/2020

Issued to:
M/s Rama Cylinder P. Ltd. (Unit -li)(32648),
Plot No: 629 to 637, KSEZ
Ta. Gandhidham, Dist: Kutch.