



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

No. PC/CCA-JMN-70 (4)/GPCB ID-16982/

Date:-

To,

✓ M/s. GOLD STAR BATTERY PVT LTD (16982),
PLOT NO.34 & 35, 421/2/1, 2,
B/H RAVI PETROL PUMP, HAPA,
TAL & DIST: JAMNAGAR.

Sub: - Amendment of CCA in connection to change of name of industry.

Ref: - 1. This office CCA NO. AWH-90853 issued on 30/01/2018 issued to M/s. GOLD STAR BATTERY PVT LTD.
2. Your Letter Dated: 19/01/2018.

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 3(c) & 5(5) of the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules-2008 & framed under the Environment (Protection) Act-1986, **The Board has granted CCA vide order No. AWH-90853 issued vide this office letter No. GPCB/CCA/JMN-70(4)/ID-16982/444919 dated on 17/02/2018, valid up to 26/12/2022.** The Board has right to review and amend the conditions of the said CCA.

The referred CCA NO. AWH-90853 issued on 30/01/2018 order originally issued to M/s. GOLD STAR BATTERY PVT LTD transferees to M/s. GOLD STAR POWER LIMITED with condition that M/s. GOLD STAR POWER LIMITED shall bind to comply with all the conditions subject to which it was granted as if consent was granted to this industry originally.

The rest of the conditions of the above referred CCA order shall remain unchanged. You are directed to comply these conditions judiciously.

For and on behalf of
Gujarat Pollution Control Board,


(R.V. Patel)

Senior Environmental Engineer

Clean Gujarat Green Gujarat

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Outward NO: 447902, 16/03/2018



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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 3(c) & 5(5) of the Hazardous Waste (Management, Handling and Transboundary) Rules' 2008 framed under the Environment (Protection) Act-1986.

And whereas Board has received Consolidated Consent Application Inward No.128951 dated 01/11/2017 for the Renewal of consolidated consent and authorization (CC & A) of this Board under the provisions/rules of the aforesaid acts.

CONSENTS AND AUTHORISATION:

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

To;

M/S GOLD STAR BATTERY PVT LTD (LEAD SMELTING) (ID-16982)
PLOT NO-34 & 35, 421/2/1, 1,3,7,8,19,20,21,14,25,26,28,29,37,
BEHIND RAVI PETROL PUMP, HAPA,
HAPA-361120,
TAL & DIST-JAMNAGAR.

1. Consent Order No.: AWH-90853 date of Issue: 30/01/2018.
2. The consents shall be valid up to 26/12/2022 for use of outlet for the discharge of trade effluent and emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Product	Quantity
1	Automotive & Industrial Batteries	50000 Nos/Month
2.	Battery Plates	50 Lac Nos/Month
3.	Lead ingot	1809 MT/Month

SPECIFIC CONDITION:-

- Unit shall submit the blood test reports of the workers to the board within one month.

3. CONDITIONS UNDER THE WATER ACT,1974:

- 3.1 Source of water: - Borewell.
- 3.2 The quantity of the fresh water consumption for industrial purpose shall not exceed 5800 Lit/Day.
- 3.3 The quantity of the fresh water consumption for domestic purpose shall not exceed 1600 Lit/Day
- 3.4 The quantity of the industrial effluent to be generated from the pickling process and other ancillary industrial operations shall not exceed 3100 Lit/Day
- 3.5 The quantity of the domestic waste water (sewage) shall not exceed 1200 Lit/Day.
- 3.6 Sewage shall be disposed of through Septic tank/soak pit system
- 3.7 The treated effluent shall comply with following norms

PARAMETERS	GPCB NORMS
pH	6.5 TO 8.5
Temperature	40° C
Colour (pt.co.scale) in units	100 units
Suspended Solids	100 mg/l
Oil and Grease	10 mg/l
BOD (5 days at 20°C)	30 mg/l
COD	250 mg/l
Chlorides	600 mg/l
Sulphates	1000 mg/l
Total dissolved Solids	2100 mg/l
Ammonical Nitrogen	50 mg/l

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Persent Sodium	60%
Lead	0.1 mg/l

7. Treated effluent conforming to the above norms shall be discharge on land for plantation within premises.
8. Industry shall provide fixed pipeline network for even distribution treated effluent for plantation along with flow meter maintain the record of same.

CONDITIONS UNDER THE AIR ACT, 1981:

- 4.1 The following shall be used as fuel Soft furnace, Rotary furnace, Mush furnace, D.G. Set and Baby boiler respectively.

Sr. No.	Fuel	Quantity
1	Fire Wood	600 Kg/Day
2.	Charcoal/Petrol coal	1700 Kg/Day
3.	FO	30 Lit/Hr
4.	LDO	206.4 Lit/Hr

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

- 4.3. The flue gas emission through stack attached to Soft furnace, Rotary furnace, Mush furnace, D.G. Set and Baby boiler shall conform to the following standards.

Stack No.	Stack attached to	Stack height in Meter	APC Measure	Parameter	Permissible Limit
1.	Soft furnace	30	Bag filter, cyclone separator and scrubber	Particulate matter SO ₂ NO _x Lead	150 mg/NM ³ 100 ppm 50 ppm 10 mg/NM ³
2.	Rotary furnace				
3.	Mush furnace				
4	D.G. Set	6	-----	Particulate matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
5	Baby boiler	7	-----	Particulate matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm

- 4.4 The process gas emission through stack attached to Plate Drying oven, Pit furnace of part casting, Pasting Drying oven, Grid casting oven and Shot blasting machine shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	APC Measure	Parameter	Permissible Limit
1.	Plate Drying oven (Nos-2) (Dryer)	5	Hood header	Particulate matter Lead	150 mg/NM ³ 10 mg/NM ³
2.	Pit furnace of part casting	7	Hood header	Particulate matter Lead	150 mg/NM ³ mg/NM ³
3.	Pasting Drying oven	9	Hood header	Particulate matter Lead	150 mg/NM ³ 10 mg/NM ³



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4.	Grid casting oven	17	Hood header	Particulate matter Lead	150 mg/NM ³ 10 mg/NM ³
5.	GCM Manual	15	Hood header	Particulate matter Lead	150 mg/NM ³ 10 mg/NM ³
6.	Battery Charging	20	Scrubber	SO ₂	100 ppm

4.5 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder.

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

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 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 night time 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.

- 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.
- Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- 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. Under 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.
- The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- 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.

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- g) 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-90853 date of Issue: 30/01/2018.

5.2 M/s GOLD STAR BATTERY PVT LTD (LEAD SMELTING) (ID-16982) products is here granted authorization to operate facility for following hazardous wastes on the premises situated PLOT NO-34 & 35, 421/2/1, 1,3,7,8,19,20,21,14,25,26,28,29,37, BEHIND RAVI PETROL PUMP, HAPA, HAPA-361120, TAL & DIST-JAMNAGAR.

Sr. No	Waste	Quantity	Schedule I	Facility
1	Lead Slag/Lead Bearing Residues	5.050 MT	I-9.1	Collection, Storage, Transportation and disposal into DSDF site.
2.	Chemical Sludge From Waste Water Treatment	48 MT	I-34.3	Collection, Storage, Transportation and disposal into DSDF site.
3.	Lead Slag/Lead Bearing Residues	24.040 MT	I-9.1	Collection, Storage, Transportation and disposal into DSDF site.
4.	spent ion exchange resin containing toxic chemicals	0.075 MT	I-34.2	Collection, Storage, Transportation and disposal into DSDF site.
5.	Lead Acid battery scrape/other lead scrape	21600 MT/A	Schedule -4	Reception, storage, Transportation and reuse for manufacturing of lead ingots

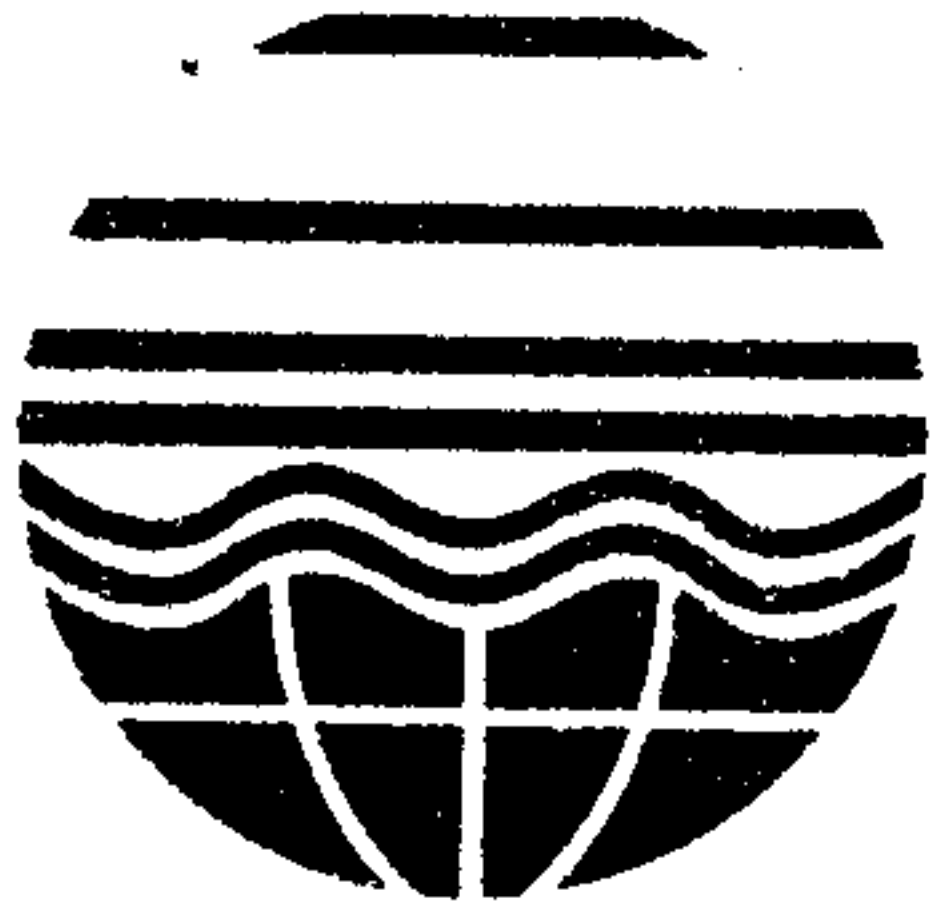
5.3 The authorization shall be valid up to 26/12/2022.

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.5.1 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.



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8. An application for the renewal of an authorization shall be made as laid down in rules 6(2) under Hazardous Waste and Other Waste Rules, 2016.
 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 1995 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..
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 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. 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.
 - 6.3 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 internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.
 - 6.4 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.

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- 6.5 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.
- 6.6 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.
- 6.7 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



(R.V. Patel)

Senior Environmental Engineer

DT:- 17/02/2018

NO: PC/CCA/JMN-70 (4)/ID-16982/ 444919

Issued to:-

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