































GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295 Fax : (079) 23232156 Website : www.gpcb.gov.in

HONEST ENGINEERING WORKS

Ry R.P.A.

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 Authorisation under rule 3(c) & 5(5) of the Hazardous Waste (Management and Handling) Rules' 1989 & as amended up to year 2003 framed under the Environmental (Protection) Act-1986.

And whereas Board has received consolidated consent application letter dated-08/02/2016 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:

HONEST ENGINEERING WORKS,

S. NO.- 136, B-34, CHINAIBAUG ESTATE, NR. BANK OF BARODA, DUDHESHWAR ROAD, DUDHESHWAR, AHMEDABAD- 380004.

- Consent Order No.: AW-76948 date of Issue: 04/03/2016.
- The consents shall be valid up to 07/02/2021 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	Capacity
1	Ferrous & Non	75 MT/month
	Ferrous Casting	

3. CONDITIONS UNDER WATER ACT 1974:

- 3.1 The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall be NIL.
- 3.2 The quantity of the domestic waste water (sewage) shall not exceed 100 L/d.
- 3.3 Sewage shall be discharged of through septic tank/soak pit system or discharged in to AMC drain system.
- 4. CONDITIONS UNDER AIR ACT 1981:
- 4.1 The following shall be used as fuel.

Sr. No.	Fuel	Quantity	
1	Electricity	100 kW	

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

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

Stack No.	Stack attached to	Stack height	Air Pollution Control System	Parameter	Permissible Limit
1	Induction Furnace with two crucibles	34 feet	Hood attached to furnace	Particulate matter SO ₂ NO ₂	150 mg/Nm ³ 100 ppm 50 ppm

4.2.2 The Process emission through various stacks/vent of reactors, process vessel shall conform to the following standards:

Stack No.	Stack Attached To		Air Pollution Control Equipment	Parameter	Permissible Limit
1	Shot blasting machine	18 feet	Bag filter	PM O	150 mg/Nm ³

- 4.2.3 Stack monitoring facilities like port hole, platform/ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.
- 4.2.4 Ambient air quality within and outside the premises of the unit shall conform National Ambient Air Quality standards notified by MOEF vide notification dated 16/11/2009 and mainly to the following standards:-

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

4.3 The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:

Between 6 A.M. and 10 P.M.:75 dB (A)

Between 10 P.M. and 6 A.M.:70 dB (A)

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4.4 The applicant shall provide proper ventilation and exhaust facilities so as to maintain healthy working atmosphere within the factory premises.

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.

> For and on behalf of Gujarat Pollution Control Board

> > (M. V. PATEL) Environmental Engineer

NO: GPCB/ABD/AMC/CCA-1092/ID:48850/Issued to:
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