



**J&K State Pollution Control Board
JAMMU/SRINAGAR**

Sr.No. SPCB/TIC/444/4291-94

Date 23-12-2015

Consent No. 1324 of 2015 Consent Order

Date: 23-12-2015

Consent to Operate (Fresh)

- Under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, as amended
- Under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981, as amended

Name of the unit partner: Gurinder Chatrath .

CONSENT is granted to **M/s Bharat Batteries
SICOP Industrial Complex Birpur Bari Brahamana .**

Located in the area declared under the provisions of the Water Act / Air Act, subject to the provisions of the Act and the Orders that may be made further and subject to the following terms and conditions:-

1. The Consent to **Operate(Fresh)** is granted for a period up to **One year from date of issue.**
2. The consent granted by the Board is restricted to Prevention and Control of Pollution only and shall not be treated as substitute of permission required under laws of the land.
3. Category of the unit as per UCM Guidelines: **Red.**
4. The Consent is valid for the manufacture of the following products / by-products with capital investment (Land, plant and machinery) of **Rs. 28.23 Laacs.**
5. The unit is registered with DIC vide registration No:07/004/09262 dt: 20-1-2005.

S.No.	Products / By-product	Maximum Quantity
1	Assembling of Batteries	33600 Nos./annum
2	Home UPS	12000 Nos./annum
3	Transformer up to 5 KVA	6000 Nos./annum

6. *The emissions or discharge of environmental pollutants from the unit / establishment shall not exceed the relevant parameters and standards for the said industry, operation or process specified under respective schedules of the Environment (Protection) Rules , 1986 as amended from time to time.*

7. Condition under Water Act :

- (i) The daily quantity of trade effluent from the unit shall not exceed the permissible limits.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed the permissible limits.

(2)

(iii) The daily quantity of water consumption shall not exceed 01 KLD

Treatment : The applicant shall provide comprehensive treatment system consisting of Primary / Secondary and / or Tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards before disposal.

(1) pH	Between	6.5 and 8.5
(2) Suspended Solids	Not to exceed	100mg/L.
(3) BOD, 3 days, 27°C	Not to exceed	30mg/L.
(4) C.O.D.	Not to exceed	250mg/L.
(5) Oil & Grease	Not to exceed	10mg/L.
(6) T.D.S.	Not to exceed	2100mg/L.

Lead acid Battery Manufacturing industry Emission Standards

Source	Pollutants	Standards	
		Conc. Based (mg/Nm ³)	Load Based (kg/tonne of Pb used)
Grid casting	Lead	10	0.020
	Particulate Matter (P.M)	25	-----
Oxide Manu.	Lead	10	0.010
	P.M	25	-----
Paste Mixing	Lead	10	0.025
	P.M	25	-----
Assembling	Lead	10	0.010
	P.M	25	-----
PVC section	P.M	150	-----

• To comply the respective standards ,all the emissions from above mentioned sources shall be routed through stack connected with hood and fan. In addition to above installation of control equipment of control equipment viz. Bag/filter/ventury scrubber is also recommended .

• The minimum stack height shall be 30 Mts.

(iv) Trade Effluent Disposal Outlet Conditions :

The final effluent conforming to the above standards shall be discharged on land for plantation, gardening in the premises of industry.

(v) Sewage Treatment – The applicant shall provide comprehensive treatment system as is warranted with reference to effluent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards before disposal :-

pH	Between	5.5 and 9.0
Suspended Solids	Not to exceed	100mg/l.
B.O.D., 3 days, 27°C	Not to exceed	30 mg/l.

(vi) Sewage Disposal Outlet Conditions :

All the domestic waste water is collected in the Septic tank and soak pit

(vii) Non-hazardous solid waste : The non-hazardous solid waste should be handled and disposed as per the guidelines of Municipal Solid Waste Rules, 2000.

(viii) Other Conditions :

The unit shall comply with any other conditions laid down or directions issued in due course by the Board from time to time under the provision of the Water (Prevention and Control) Act, 1974

8. Conditions under Air Act :

(I) The applicant shall erect the stack(s) of the following specifications :

S.No.	Stack attached to	Volume Nm ³ /hr.	Height in mtr	Top Diameter in mtrs	Velocity of gas emission m/sec.
1	Ingot melting pot		100 feet	-	

(II) The applicant shall install a comprehensive air pollution control system consisting of control equipment as detailed below and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards :

S.No.	Control Equipment Measures
1	Wet scrubber, Bag filter, Reverse jet , Cyclone and ID fan.

Standards for emissions of Air pollution:-

- (i) PM Not to exceed 150 mg/Nm³
(ii) SO₂ Not to exceed 80 mg/m³
(iii) NO₂ Not to exceed 80 mg/m³

(III) The applicant shall observe the following fuel consumption.

Sl.No.	Type of fuel and consumption	Maximum Quantity day and month
1	HSD	

(IV) Other Conditions :

- (a) The entrepreneur shall ensure that no Air pollution problem or nuisance is created in the area due to discharge of emissions from the Industry.
- (b) The Industry shall not discharge any fugitive emissions. All gases shall be emitted through a stack of suitable height as per the norms fixed by the Board from time to time.
- (c) Fugitive emission shall have to be effectively controlled by constant vigil timely repair and with good house keeping practices.
- (d) The entrepreneur shall comply with any other condition laid down or directions issued in due course by the J & K State Pollution Control Board under the provisions of Air (Prevention and Control of Pollution) Act, 1981.

Condition under Battery (Management & Handling) Rules 2001**Rule :- 4 Responsibility of Manufacturer, Importer, Assembler and re-conditioner**

Before seeking consent to operate , it shall be the responsibility of Manufacturer, Importer, Assembler and Re-conditioner to :

- ensure that the used batteries are collected back as per the Schedule against new batteries sold excluding those sold to original equipment manufacturer and bulk consumer(s).
- ensure that the used batteries are collected back are of similar type and specifications as that of the new batteries sold.
- file a half -yearly return of their sales and buy -back to the State Board in Form I latest by 30th June and 31st December of every year.
- set up collection centers individually or jointly at various places for collection of used batteries from consumers or dealers.
- ensure that the used batteries collected are sent only to the registered recyclers.
- ensure that necessary arrangement are made with dealers for safe transportation from collection centers to the premises of registered recyclers.
- ensure that no damage to the environment occurs during transportation.
- create public awareness through advertisements publications, posters, or by other means with regard to the following
 - a) Hazards of lead
 - b) Responsibility of consumers to return their used batteries only to the dealers or deliverer at designated collection centers and
 - c) addresses of dealers and designated collection centers
- use the international the cycled sign on the batteries.
- buy recycled lead only from registered recyclers

9. Self monitoring schedule :

Applicant shall get the samples of treated effluents / emissions / hazardous wastes / analysed from the laboratory recognized by the SPCB / PCC / CPCB / MOEF, New Delhi and conform to the limits stipulated. Test report shall be sent to the State Pollution Control Board (Analysis frequency could be different for various sources as may be specified by the Board / Committee).

10. The applicant shall comply with the additional conditions as stipulated below :-

- i. The Consent is valid for the operation of unit only. The unit holder can only manufacture products, at the rate of production as mentioned in consent order only after seeking consent to operate. Any change in production capacity, process, raw materials, use etc. shall have to be intimated to the Board. For any enhancement of the above, fresh consent has to be obtained from J & K State Pollution Control Board.
- ii. Pollution Control Devices (ETP/ECD) as contemplated to achieve the quality of effluent emission within the tolerance limits prescribed, shall have to be operational during the course of production. The effluent / emission shall not contain constituents in excess of the tolerance limits as laid down by J & K State Pollution Control Board.

- iii. The entrepreneur shall be liable to pay compensation in case any damage is caused to the environment.
- iv. The entrepreneur shall abide by the directions of the Board which will be issued from time to time. Any infringement/violation or transgression of the statutory enactments of pollution control acts by the unit, shall be sufficient cause to prosecute the violator in conformity with relevant section of Air / Water Acts and Environment Protection Act in force.
- v. The unit shall be under surveillance monitoring of J & K State Pollution Control Board.
- vi. Any further construction/expansion/renovation/ in the unit premises shall be subject to the clearance from the J & K State Pollution Control Board.
- vii. The entrepreneur shall raise green belt of suitable plant species within the premises of unit.
- viii. The entrepreneur shall provide adequate arrangement for fighting the accidental leakages/discharge of any air pollutant/gas/liquid from the vessel, mechanical etc. which are likely to cause fire hazard including environmental pollution.
- ix. Good House keeping practices shall be adopted by the entrepreneur .
- x. It shall be the responsibility of the entrepreneur to ensure that there are no complaints from the surrounding areas due to pollution caused by the unit.
- xi. The entrepreneur should apply 60 days in advance for renewal of Consent before expiry the date of this Consent order.
- xii. *The entrepreneur shall submit two self monitoring reports in a year. First SMR during first quarter and second SMR during last quarter to know the efficacy of pollution control devices installed.*
- xiii. *In case of violation of the above mentioned conditions or any public complaint the consent shall be withdrawn.*

** This consent is issued purely from environmental angle and the Board shall not be responsible for any claim, counter claim, ownership, partnership etc. of the unit.*

A. C. P. (C.A.)

Consent Order No:

1324 of 2015

Member Secretary

Dated: 23-12-2015

M/s Bharat Batteries
SICOP Industrial Complex Birpur Bari Brahamana.

Copy to the :

1. Regional Director PCB Jammu for information.
2. General Manager DIC Jammu for information.
3. I/c PCB Samba North Division for information and necessary action.
4. Office file.