



J&K State Pollution Control Board
JAMMU/SRINAGAR

Sr.No. SPC/B/T/C/15/4251-54

Date 19/12/2015

Consent Order

Consent No. SPC 1314 of 2015

Date: 19/12/2015

Consent to Operate (Fresh for substantial expansion)

- 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 : Sh. Deepak Goyal (Partner)

**CONSENT is granted to M/s A.B Chem(India)
Ph I, IGC Samba .**

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

1. The Consent to **Operate (Fresh for substantial expansion for additional machinery)** is granted for a period up to ending **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: **Orange.**
4. The Consent is valid for the manufacture of the following products / by-products with Capital investment (plant and machinery) of **Rs. 4.89 Crore.**
5. The unit is registered with DIC vide registration No. 07/019/00006/PMT dt: 4-6-2008.

S.No.	Products / By-product	Maximum Quantity
1	Formulation of Pesticides / Insecticides / Herbicides in Liquids / Granules/ Powder form.	9800 MT/KL/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. Conditions under Water Act :

- (i) The daily quantity of sewage effluent from the factory shall not exceed the permissible quantity approved.
- (ii) The daily quantity of water consumption shall not exceed 04 KLD

(2)

- (iii) Treatment : The applicant has to operate and maintain a 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.

A. Emission Standards	Limiting Conc. in mg/Nm ³
HCl	20
Cl ₂	5
H ₂ S	5
P ₂ O ₅ as H ₃ PO ₄	10
NH ₃	30
Pesticides compounds in form of particulate matter	20
CH ₃ Cl	20
HBr	5

B. Effluent Standards

(1) Compulsory Parameters	Conc. in mg/l except for pH & Bioassay test
PH	6.5-8.5
BOD(3 days at 270 c)Formulation	30
Oil & Grease	10
Suspended solids	100
Bioassay test	90% survival of fish after 96 hrs. in 100% effluent *
(II) Additional Parameters	
Arsenic (as As)	0.2
Copper	1.0
Manganese	1.0
Mercury	0.01
Antimony (as Sb)	0.1
Zinc	1.0
Nickel etc.(heavy metals individually)	Shall not exceed individually 5 times the drinking water standards as per Bureau of Indian Standards.
Cyanide (as CN)	0.2
Nitrate (as NO ₃)	50
Phosphate (as P)	5.0
Phenol & Phenolic Compd. As C ₆ H ₅ OH	1.0
Sulphur	0.03
Benzene hexchloride(BHC)	0.01
Copper Sulphate	0.05
Copper Oxychloride	9.6
Carbonyl	0.01
DDT	0.01
Dimethoate	0.45
2,4D	0.4
Aldrin	0.1
Endosulfan	0.01
Dieldrin	0.1
Fenitrothion	0.01
Malathion	0.01
Methyl Parathion	0.01
Paraquat	2.3
Phenathoate	0.01

Phorate	0.01
Propanil	7.3
Pyrethrums	0.01
Ziram	1.0
Other Pesticides (Individually)	0.10

Bioassay Test shall be carried out as per IS 6582-1971

Note:

1. The concerned State Pollution Control Board /Pollution Committee shall prescribe limits of total dissolved solids (TDS) , Sulphates and Chlorides depending on the usages of recipient water body in down streams in which effluent shall be disposed off.
2. No limit for Chemical Oxygen Demand (COD) is prescribed but, COD in the treated effluent shall be monitored. If COD is persistently reported more than 250 mg/l , the individual units discharging such as effluent shall be required to identify chemicals causing the same. In case there are found to be toxic as defined in sch I of the Manufacture , Storage and Import of Hazardous Chemical Rules 1989 the concerned State Pollution Control Board /Pollution Committee in such cases shall direct the industries to install tertiary treatment system by 31st March 2012.
3. Parameters listed as “ Additional Parameters “ shall be prescribed depending upon the process and product on a case to basis

(iv) Trade Effluent Disposal Outlet Conditions :

The unit holder must ensure the safe disposal of effluent by adopting the Pollution control measures and installation of required pollution control devices as per the Water (Prevention & Control of Pollution) Act, 1974 and amendments made thereafter.

- (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(on land)

(vi) Sewage Disposal Outlet Conditions :

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

- (vii) **Non-hazardous solid waste (TPD./TPM):** The non-hazardous solid waste are being handled and disposed as per the guidelines of Municipal Solid Waste Rules, 2000.

Type of waste	Quantity Treatment	Disposal
	NA	

(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 :

The applicant has to operate stack(s) of the following specifications :

S.No.	Chimney / Stack attached to	Volume Nm ³ /hr.	Height in feet	Top Diameter in mtrs	Velocity of gas emission m/sec.
1	Processing section		90 feet	-	-

The applicant has installed 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.	Pollution Control Measures:
1	Additional stack of 30 m height, Wet Scrubber , ID fan, Suction hoods, Ducting and Carbon bed , Fire fighting equipments. Effluent treatment plant.

Standards for emissions of Air pollution as per MOEF notification under EP Act:-

- SPM(Ambient Air) Not to exceed 100 ug/Nm³
- PM(process emission through stack) Not to exceed 20 mg/Nm³
- PM₁₀ Not to exceed 100 mg/Nm³
- SO₂ Not to exceed 80 ug/m³
- NO₂ Not to exceed 80 ug/m³

The applicant is consuming the following fuel

Sl.No.	Type of fuel	Maximum Quantity
1	Electricity	

The entrepreneur shall take adequate measures for control of noise from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 db(A) during day time and 70 db(A) during night time. Daytime is reckoned in between 6am to 10pm and night time is 10pm to 6am.

9. Other Conditions :

- (a) The entrepreneur shall ensure that no Air pollution problem or public nuisance is created in the area due to discharge of emissions from the unit.
- (b) The unit shall not discharge any fugitive emissions. All gases shall be emitted through a stack installed.
- (c) 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.

10. Self monitoring schedule :

Applicant shall get the samples of treated effluents / emissions / hazardous wastes / analysed unit 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).

11. 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 (effluent treatment plant/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, machinery 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.

