



# J&K STATE POLLUTION CONTROL BOARD

Jammu /Srinagar (www.jkspcb.nic.in)

## CONSENT ORDER

SPCB 275 of 2017 dated 20-5-2017

Consent to Operate (Renewal) under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, as amended is granted in favour of Sh. Shakti Sood (Director)

M/s Cardinal Chemicals Pvt. Ltd.  
179 A 180 A SICOP Industrial Area Kathua

for a period upto March 2022 for Orange category of unit as per revised classification of industrial sector, subject to the following terms and conditions in a time bound manner:

1. 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 other laws of the land.
2. The consent is granted valid for the manufacture of the products / by-products consented quantity as under with capital investment as per schedule II Rs. 277.25 lacs. Any change / enhancement in production capacity , process , raw materials shall have be intimated to the board and unit holder has to apply fresh for the same

S.No.	Products / By-product	Maximum Quantity
1	Neutral Sizing (Sizex-30)	4125 MT/Annum
2	Fortified Rosin (Sizex-50)	2700 MT/Annum
3	Synthetic Rosin (Sizex -101)	4996 MT/annum
4	A.K.D Sizing (Sizex-20)	502 MT/Annum
5	Fibex -NAL /RTN	60 MT/Annum
6	Refined Lingo (Sizex -48)	250 MT/Annum
7	Rosin (by product)	49.96 MT/Annum

(The unit is registered vide DIC vide No: 07/005/04303 dt: 16-9-2004 )

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.

### 3. Compliance under Water Act :

#### a. Standards of discharge for Trade Effluent:

**Treatment :** The unit holder has to operate and maintain a comprehensive effluent treatment system consisting of Primary / Secondary and / or Tertiary treatment so as to achieve the quality of the treated effluent to the following standards of discharge outlet.

Parameters	Conc. in mg/l except for pH
PH	6.5-8.5
Suspended Solids	100
BOD(3 days at 270 c )	30
COD	250
Oil & Grease	10

#### b. Standards of discharge for Sewerage disposal:

**Sewage Treatment** – The applicant has to install a 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 :-

Parameters	Range	Conc. in mg/l except for pH
pH	between	6-9
Suspended Solids	Not to exceed	100
BOD, 3 days, 27°C	Not to exceed	30

- c. All the domestic waste water and industrial waste is disposed off through effluent treatment.

d. **Water consumption**

- i. The daily quantity of sewage effluent from the unit shall not exceed 4.8 KLD
- ii. The daily quantity of water consumption shall not exceed 8.25 KLD.

4. **Compliance under Air Act:**

a. The entrepreneur shall comply to **National Ambient Air Quality Standards** as per EP Act 1986 (refer rule 3(3B)).

b. The unit holder has to operate stack(s) of the following specifications :

S.No.	Stack attached to	Volume Nm <sup>3</sup> /hr.	Height	Top diameter	Velocity of gas emission m/esc.
1	Thermic Fluid Heater	3622	15 m	0.3 m	8.05

5. **Fuel used :** Firewood : 800 Kg/day  
LDO / HSD 100 Ltrs./day

6. **Compliance under Noise Pollution (Regulation and Control) Rules 2000 as amended**

The unit holder 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.

6. **Compliance under Plastic Waste Management Rules 2016 dated 18-3-2016.**

7. **Pollution Control Equipments & Measures :**

The unit holder has to operate and maintain a comprehensive air pollution control system i.e. **Cyclone dust collector** to achieve the quality of emission within the tolerance limits prescribed under environment protection act 1986.

8. **Self Monitoring Schedule :**

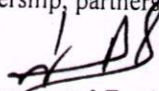
The unit holder shall get the samples of treated emissions and effluents analysed from the J&K SPCB laboratory or laboratory approved by the J&K SPCB and submit self monitoring report as per schedule given below for ascertaining the efficacy of pollution control devices to check the quality of emission as per limits prescribed under environment protection act 1986.

SMR	1st	2nd	3rd	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>
Month /Year	submitted	Jan 2018	Jan 2019	Jan 2020	Jan 2021	Jan 2022

9. **The unit holder 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.
- ii. The unit holder has to keep a record of the Environmental data monitored regularly with regard to operation and maintenance of pollution control devices viz Air Pollution and Water Pollution Control to achieve the desired standards notified in EP Act.
- iii. 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.
- iv. The unit holder shall be liable to pay compensation in case any damage is caused to the environment.
- v. The unit holder 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.
- vi. The unit shall be under surveillance monitoring of J & K State Pollution Control Board.
- vii. The unit holder 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.
- viii. The unit holder should apply 60 days in advance for renewal of consent before expiry the date of this Consent order.
- ix. In case of violation of 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.

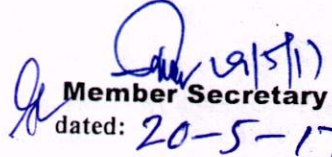
  
Asstt. Environmental Engineer

Sr. No. SPCB /T/C 1123/1106-09

Copy to the :

1. Regional Director PCB Jammu for information and ensure the implementation of conditions stated above.
2. General Manager DIC Kathua for information.
3. D.O PCB Kathua for the direction to monitor the conditions of the consent stated above .
4. M/s Cardinal Chemicals Pvt. Ltd. Industrial Area Kathua for compliance of above stated conditions.
5. Office file

'By Order'

  
Member Secretary  
dated: 20-5-17