



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

Sr.No. SPCB/T/C/200/4247-50

Date 19/12/2015

Consent Order

Consent No. 1313 of 2015

Date: 19/12/2015

Consent to Establish (Fresh)

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

**Name of the unit holder with address: Sh. Chetan Gupta R/o 30 Sarwal Colony
Jammu.**

CONSENT is granted to **M/s Alfa Crop Chemicals
IID Centre Govindsar Kathua.**

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 **Establish (Fresh)** is granted for a period up to **One year from date of issue.**
2. Category of the unit as per UCM Guidelines: **Orange.**
3. The Consent is valid for the manufacture of the following products / by-products with capital investment (Land, plant and machinery) of **Rs. 550.35 Lacs.**
4. The unit is registered with DIC vide registration No:07/005/12/00870 Dt: 9-6-2015.

S.No.	Products / By-Product	Maximum Quantity
1	Formulation of Pesticides i.e. Insecticides , Fungicides , Weedicides only in (Liquid , Powder and Granules form)	12000 MT/KL/annum (As per Project Report)

5. *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.*
6. Conditions under Water Act :
 - (i) The daily quantity of trade effluent from the unit shall not exceed the permissible quantity approved.
 - (ii) The daily quantity of sewage effluent from the factory shall not exceed the permissible quantity approved.

(iii) The daily quantity of water consumption shall not exceed 05 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.

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 hexachloride(BHC)	0.01
Copper Sulphate	0.05
Copper Oxychloride	9.6
Carbonyl	0.01
DDT	0.01
Dimethoate	0.45
2,4D	0.4
Endosulfan	0.01
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:

- 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.
- 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.
- Parameters listed as " Additional Parameters " shall be prescribed depending upon the process and product on a case to case 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 8.5
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 (TPD./TPM): The non-hazardous solid waste should be handled and disposed as per the guidelines of Municipal Solid Waste Rules, 2000.

Type of waste	Quantity	Treatment	Disposal
Empty drums	-	-	Sent to supplier

7. Conditions under Air Act :

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

S.No.	Chimney / Stack attached to	Volume Nm ³ /hr.	Height in mtr	Top Diameter in mtrs	Velocity of gas emission m/sec.
1	Central processing section -		30 m	-	-

(4)

(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.	Pollution Control Equipments proposed:
1	Alkali wet scrubber, Activated wet scrubber, Activated carbon bed, bag filters, Cyclone separator, ducting/Hoods , exhaust fans and fire fighting equipments. Effluent treatment plant .

Standards for emissions of air pollution as per MOEF notification under EP Act 1986:-

(i) PM(process emission through stack) Not to exceed 20 mg/Nm³

(ii)SO₂ Not to exceed 80 ug/Nm³

(iii)NO₂ Not to exceed 80 ug/Nm³

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

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

(IV) 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.

(V) **Other Conditions :**

(a) **The entrepreneur shall ensure that no Air pollution problem or any nuisance is created in the area due to emitting of emissions from the unit.**

(b) **The unit shall not discharge any fugitive emissions. All gases shall be emitted through a stack of suitable height.**

(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.**

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

- i. The Consent is valid for the **Establishment of unit only.**
- ii. Pollution Control Devices (ETP/ECD) as contemplated to achieve the quality of effluent/ emission at the time of operation 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.

(5)

- v. Good House keeping practices shall be adopted by the entrepreneur.
- vi. 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.
- vii. 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.
- viii. The entrepreneur should apply 60 days in advance for renewal of Consent before expiry the date of this Consent order.
- ix. *This consent is issued with condition that if the land dispute is not settled in favour of SICOP/ unit holder the consent shall be withdraw.*
- x. *The unit holder shall not manufacture 2,4 Diethyl ester in his unit as per orders issued by Agriculture Department vide No PP/DAJ/2006-07/1072-9 Dated 2-03-2007.*
- xi. *The entrepreneur shall manufacture the products as per the license issued by Agriculture Department.*
- xii. *In case of any restriction imposed by the Industries Department the consent shall be withdrawn.*
- xiii. *The entrepreneur shall not operate the unit until Board issue consent to operate fresh.*
- xiv. *In case of violation of the above mentioned conditions or any public genuine grievances 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.*


Assistant Environmental Engineer


Member Secretary

Consent Order No: 1313 of 2015

dated: 19/12/2015

M/s Alfa Crop Chemicals
IID Centre Govindsar Kathua.

Copy to the:-

1. Regional Director PCB Jammu for information.
2. General Manager DIC Kathua for information.
3. District Officer PCB Kathua for information and necessary action.
4. Office file.