

Name of the unit	<b>M/s. J. B. Chemicals &amp; Pharmaceuticals Ltd. and Unique Pharmaceuticals Lab. (A division of JBCPL)</b>	
Address	Sr. No. 101/2 & 102/1, Daman Industrial Estate, Air Port Road, Kadaiya, Daman.	
Area	Kadaiya	
Category	<b>Category - II</b>	
Applied for	Consent to Operate	
Consent granted for	Consent to Establish for D.G set of 1500 KVA (4 nos.) and Steam Boiler - 3 TPH (1 no.)	
Sr. No.	Documents required	Submitted
1.	Application in Form XIII under Water Act.	N.A.
2.	Application in Form I under Air Act.	Yes (C/3061)
3.	Declaration letter showing capital investment.	Yes (C/3023)
4.	Copy of Consent to Establish obtained under Water and Air Act.	Yes (C/3017)
4.	Consent fees of Rs. 75,000/- in form of DD under Air Act.	Yes (C/3057)
5.	Display Sign Board.	Yes (C/3039)
6.	Application for authorization to handle hazardous waste and industry data sheet in Form - I.	Yes (C/3053)
7.	Industry Data Sheet Format	Yes (C/3047)
8.	Copy of hazardous waste manifest in Form 13.	Not submitted
9.	Copy of membership of common TSDF.	Yes (C/2923)
10.	Copy of analysis of treated effluent.	Yes (C/3213)
11.	Copy of stack monitoring report and ambient air quality monitoring report.	Yes (C/3231)
<b>Effluent discharge with quantity</b>		
	Consumption	Discharge
Domestic water	15 KL/Day	15 KL/Day
Industrial water	40 KL/Day	30 KL/Day
<b>Air Emission</b>		
Installation	Fuel used	Stack/Acoustic
D.G. sets (500 KVA-1 no, 1010 KVA-1 no., 1500 KVA-4 no.)	Diesel	Yes
Boiler (850 kg/hr-2 no, 3 TPH-1 no.)	LDO	Yes
Incinerator (50 kg/hr-1 no.)	LDO	Yes
<b>Details of Effluent Treatment Plant/APCDS</b>		
ETP	Yes	
APCD	Yes (Scrubber attached with Incinerator)	

**Monitoring Reports**

**Effluent Norms**

	Norms as per consent	As per report
pH	6.5-9.0	7.52
Suspended Solids	Not to exceed 100 mg/Lit	52
BOD	Not to exceed 100 mg/Lit	30
COD	Not to exceed 250 mg/Lit	99.1
Oil & grease	Not to exceed 10 mg/Lit	N.D.

**Air Emission from Stack of Boiler & D.G. set**

	Norms as per consent	As per report			
		Boiler (850 kg/hr)	Boiler (3 TPH)	D.G. set (1010 KVA)	D.G. set (500 KVA)
Particulate Matter	150 mg/Nm <sup>3</sup>	129	79	61	40
SO <sub>2</sub>	40 mg/Nm <sup>3</sup>	5	27	27	19
NO <sub>x</sub>	25 mg/Nm <sup>3</sup>	17	15	18	13

**Air Emission from Incinerator**

	Norms as per consent (Annexure-I)	As per report
Particulate Matter	50 mg/Nm <sup>3</sup>	33
HCL	50 mg/Nm <sup>3</sup>	Not measured
NO <sub>x</sub>	400 mg/Nm <sup>3</sup>	21
SO <sub>2</sub>	200 mg/Nm <sup>3</sup>	37
CO	100 mg/Nm <sup>3</sup>	Not measured

**Observations and Recommendations :**

The unit was inspected on 15/11/2016 and at the time of inspection following observations were noted:

- Display signboard was prepared and installed at the main gate of premises.
- The unit was in operation at the time of inspection.
- The unit has obtained Consent to Renewal which is valid upto 30/09/2021.
- The unit has installed Boiler - 850 kg/hr. (2 no.), Boiler - 3 TPH (1 no.) & 4 TPH (1 no.), D.G. sets - 500 KVA (1 no.), 1010 KVA (1 no.) and 1500 KVA (4 no.) and Incinerator - 50 kg/hr (1 no.).
- The unit has installed Air Pollution Control Device (Scrubber) with Incinerator.
- The Ash generated from incinerator will be disposed through GEPIL and also obtained membership for the same.
- At the time of inspection, ETP was in operation, provided flow meter at final outlet, and maintained records of the same in separate register.

N/19

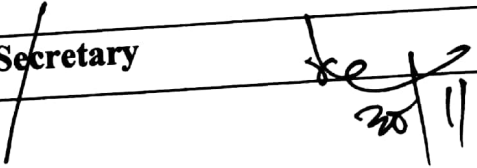
- ETP consist of Oil and grease separator – Neutralization tank – Primary settling tank – Aeration tank – Secondary settling tank – Sludge drying bed – Treated water collection tank – Filtration unit (PSF & ACF) – UV.
- The treated water will be used for gardening purpose within the premises.
- There is separate storage area provided for ETP sludge and Incinerator ash.

In view of above, Consent to Operate (Category-II) for "D.G. set-1500 KVA (04 no.), Boiler-3 TPH (01 no.)" under Air Act for the period up to 31/10/2017 may be issue.

Submitted for your kind perusal and approval, Sir.



Member Secretary



~~Chairman pec~~

2.12.2016

M/S - ~~det~~  
rtw

DT: 01/12/16  
DT: 06/12/16

PC-150477