

**COMPLIANCE REPORT WITH RESPECT TO ENVIRONMENTAL CLEARANCE  
(OCTOBER 2012-MARCH 2013)**

**Intas Pharmaceuticals Limited.**

**Site: Plot no. 457-458, Village: Matoda, Taluka: Sanand, Dist: Ahmedabad**

Sr. No.	Conditions	Status of Compliance
<b>SPECIFIC CONDITIONS</b>		
1.	The gaseous emissions (SO <sub>2</sub> , HCl & NO <sub>x</sub> ) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system (s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Inter-locking facility and on-line monitoring system shall also be provided and data shall be submitted to Ministry's Regional Office at Bhopal/ GPCB / CPCB regularly.	We are regularly monitoring SO <sub>2</sub> , HCL and NOX, All analysis reports are enclosed.
2.	Spent solvents shall be recovered as far as possible after primary and secondary condensation using chilled water and reused in the reactor. Action shall be taken to reduce the emissions as far as possible and recovery shall not be less than 95 percent. Use of toxic solvents like Methylene Chloride (M.C.) etc. shall be minimum. All venting equipments shall have vapour recovery system. Vapour arrestors shall be provided to drums while transferring solvents from tanks to the process system. Condensers / chilled brine shall be installed to reduce solvent vapours and ultimately quantity of use of solvents.	Proper system for recovery and re-use of solvents is in place where ever it is possible .  we are having primary condenser with chilled water as coolant and secondary condenser is with -10C brine as coolant for maximum recovery of solvents.Cold trap installed at vacuum system for recovery of solvent vapors

*Sanand*

3.	A time bound action plan for phasing out Methylene Chloride shall be prepared and submitted. Regular monitoring of the vents for Methylene Chloride, Toluene and other solvent shall be ensured.	Continuous experiments are going on to checking possibility of phasing out methylene chloride. As per R&D data enclosed copy to phase out methylene chloride is not possible as quality of product can not be achieved without using methylene chloride. Data enclosed.
4.	The company shall undertake the waste Minimization measures as stated in the Environmental Clearance.	Company will comply with the said conditions with continuous R&D for improvement of the process.

*Sander*

5.	The solid/hazardous waste including ETP sludge, process waste and incinerator ash shall be stored in HDPE bags in secured landfill and sent to the TSDF site of M/s The Green Environment Services Co-operative Society Ltd. Instead, it shall be incinerated in the incinerator. Incinerable waste and expired drugs shall be incinerated in Company's own incinerator. Liquid expired drugs will be treated in ETP and sent to CBMWTF facility of M/s E-Coli Waste Management System. Spent / used oil will be sold to registered recyclers.	We have membership of Green environment co (TSDF) for disposal of ETP sludge, and incinerator ash.  For disposal of activated charcoal and hyflow arrangement has been made with Bharuch Enviro infrastructure ltd.
6.	Incinerator installed shall be modified as per CPCB guidelines and shall meet the standards or otherwise solid/hazardous waste shall be sent to the TSDF.	Incinerator modified as per CPCB guide lines. All sludge/haz. Wastes are sent to GPCB approved site.
7.	The company shall develop rainwater-harvesting structures to harvest the run off water for recharge of ground water.	Work will start at the earliest.
8.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular health check up is done on regular basis and records of the same is maintained .

*Signature*



**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

704 & 813, Sakar-5, Nr. Mithakhali Railway Crossing, Off Ashram Road, Ahmedabad - 380 009. Tel/Fax : (079) 26583525

Ref. No. AC/EFF/12-13/144

Date : 16-01-2013

Intas Pharmaceuticals Ltd.,  
Plot No. 457, 458, Sarkhej – Bavala Highway,  
Vil. : Matoda – 382 210, Ta. : Sanand,  
Dist. : Ahmedabad.

**Sub. : ANALYSIS REPORT OF YOUR TREATED EFFLUENT SAMPLE.**

Sample drawn by : Akshar Consultants.  
Sample collection date : 11-01-2013.

Sr. No.	Parameter	Result
01	pH	8.10
02	Temperature ( Deg. C )	26.00
03	Colour ( Pt-Co unit )	10.00
04	Total Suspended Solids	39.00
05	Oil & Grease	1.50
06	Phenolic Compounds	Nil
07	Cyanides	N. D. *
08	Fluorides	0.30
09	Sulphides	0.35
10	Ammonical Nitrogen	8.25
11	Total Chromium	N. D. *
12	Hexavalent Chromium	N. D. *
13	Copper	N. D. *
14	Lead	N. D. *
15	Mercury	N. D. *
16	Nickel	N. D. *
17	Zinc	N. D. *
18	COD	90.00
19	BOD	20.00
20	Chlorides	470.00
21	Sulphates	325.00
22	Total Dissolved Solids	2035.00
23	Sodium Absorption Ratio	22.60

**Note** : All parameters except pH, Temperature & Colour are expressed in mg/L.

N.D.\* : Not Detected in mg/L.

Analysed By,

*Himesh*  
(Analyst)

For AKSHAR CONSULTANTS,

*D. J. Parekh*  
(AUTHORISED SIGNATORY)

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