



CIN - U24231GJ1985PLC007866

## **INTAS PHARMACEUTICALS LIMITED**

**Corporate House**, Near Sola Bridge, S.G. Highway, Thaltej, Ahmedabad - 380054, Gujarat, INDIA.  
Ph. No. : 079-61577000, Website : <http://www.intaspharma.com>

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Date: 06.11.2020

To,  
Government of India,  
Ministry of Environment & Forests,  
Regional Office, Western Region,  
Kendriya Paryavaran Bhavan,  
Link Road No.3, Ravi Shankar Nagar,  
BHOPAL-462016 (M.P.)

Kind Attn.: Dr. S. K. Lal (Scientist 'C')

Dear Sir,

Sub.: submission of compliance report of our site plot no. 191, Village: Chacharwadi Vasana, Taluka: Sanand, District: Ahmedabad. (May - 2020 to October -2020)

Ref.: MoEF letter F. No. - J-11011/493/2009-IA.II (I) dated 25.08.2011

This has reference to the above stated subject and reference we submit half yearly compliance report to your office. We hope that stated information and attached documents are as per your requirement.

Thanking you,  
Yours faithfully,  
For, Intas Pharmaceuticals Limited.

(Sandeep Shah)  
Authorized Signatory  
Encl.: As Above.

# **COMPLIANCE REPORT**

Monitoring period

May - 2020 to October - 2020

**M/s. Intas Pharmaceuticals Ltd.**

Plot No. 191, Village: Chacharawadi, Vasana , Ta: Sanand,

Dist. : Ahmedabad, Gujarat - 382210

**EC Granted vide file no. F. No. J-11011/493/2009-IA II (I) dated 25/08/2011.**

**Monitoring the implementation of Environmental Safeguards**  
**Ministry of Environment & Forests**  
**Regional Office (W), Bhopal**  
**Monitoring Report**  
**Part - I**  
**Data Sheet**

**File no.: J-11011/493/2009-IA-II (I) dated 25.08.2011**

**Date: 06.11.2020**

Sr. No.		
1	Project type: River – valley / Mining / Industry / Thermal / Nuclear / other (specify)	Pharmaceutical Company
2	Name of Project	Expansion of Bulk Drug unit at <b>INTAS PHARMACEUTICALS LTD.</b>
3	Clearance letter (s) / OM No. and date	J-11011/493/2009-IA-II (I) dated 25.08.2011
4	Location	Plot No.191, Sarkhej-Bavla Highway, Village: Chacharwadi Vasana, Taluka: Sanand.
	a. District(s)	Ahmedabad
	b. State(s)	Gujarat
	c. Latitude / longitude	22°52'16"N / 72°23'39" E
5	Address for correspondence	
	a. Address of concerned project Chief Engineer (with pin code and telephone / telex / fax numbers)	Shri Kirti Maheshwari– Exe- Vice President M/s INTAS Pharmaceuticals Ltd., Plot No.191, Sarkhej-Bavla Highway, Village: Chacharwadi Vasana, Taluka: Sanand. Ahmedabad, Gujarat. Fax No. 02717 – 661106.
	b. Address of Executive Project Engineer / Manager (with pin code / fax numbers)	
6	Salient features	
	a. Of the project	a. Project is involved in the formulation of various drugs and proposes to manufacture API bulk drugs. b. Export to European Countries and US. c. Reduce the cost of production by using API Bulk drug manufactured by itself.
	b. Of the environmental management plans	a. Treat all the pollutants viz. liquid and gaseous those contribute to the degradation of the environment with appropriate Technology. b. Comply with all regulations stipulated by the Central / State Pollution Control Boards related to air emissions and liquid effluents Discharges as per air and water pollution control laws.

		<p>c. To handle hazardous wastes as per the Hazardous Waste (Management &amp; Handling Rules, 1989 of the Environment (Protection) Act 1986.</p> <p>d. To encourage support and conduct developmental work for the purpose of achieving environmental standards and to improve the methods of environmental management.00</p> <p>e. To promote further a forestation in the Surrounding areas of the Plant.</p> <p>f. To create good working conditions (devoid of air and noise pollution) for employees.</p> <p>g. To reduce fire and accident hazards.</p> <p>h. Perspective budgeting and allocation of funds for environment management Expenditure.</p> <p>i. Dissemination of technological solutions on Commercial basis to interested parties.</p> <p>j. Continuous Development and search for innovative technologies for a cleaner and Better environment.</p>
7	Break-up of the project area	<p>Total area: 50000 sq. meter</p> <p>Green belt area: 16500 sq. meter</p>
	a. Submergence area: forest and non-forest	
	b. Others	
8	Break-up of the project affected population with enumeration of those losing houses / dwelling units agricultural land only, both dwelling units and agricultural land and landless laborers / artisan	N.A.
	a. SC, ST / Adivasi	N.A.
	b. Others	N.A.
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	



<b>9</b>	Financial details:	
	a. Project cost as originally planned and subsequent revised estimates and the year of price reference	Project cost: approx. 14.00 Crores.
	b. Allocation made for environmental management plan with item wise and year wise break-up	Approx. cost: 30 lacs.
	c. Benefit cost ratio / internal rate of return and the year of assessment	-----
	d. Whether (c) includes the cost of environmental management as shown in the above	-----
	e. Actual expenditure incurred on the project so far	Rs. 13.9778 Cr.
	f. Actual expenditure incurred on the environment plans so far	Approx Rs. 22.0 lacs
<b>10</b>	Forest land requirement	N.A.
	a. The status of approval for diversion of Forestland for non-forestry use.	N.A.
	b. The status of clearing felling	N.A.
	c. The status of compensatory afforestation, if any	N.A.
	d. Comments on the viability and sustainability of compensatory afforestation programme in the light of actual field experience so far	N.A.
<b>11</b>	The status of clear feeling in non-forest area (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.
<b>12</b>	Status of construction	
	a) Date of commencement (actual and / or Planned.	June 2010
	b. Date of completion (actual and / or planned	May 2012
<b>13</b>	Reasons for the delay if the project is yet to start	Not applicable.

## M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period May.' 20 to Oct.'20

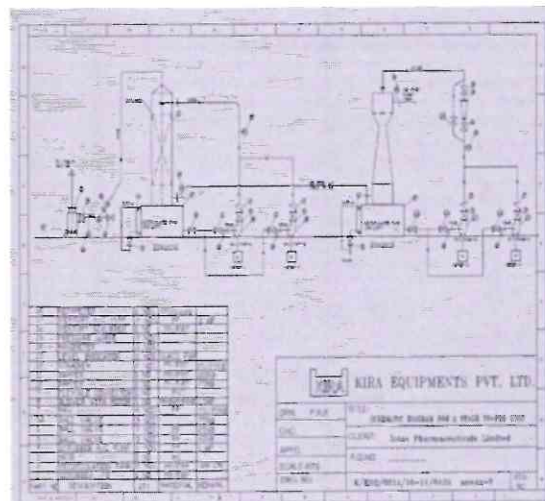
Compliance Status of Environmental Clearance of M/s. Intas pharmaceutical Ltd. General / Specific Conditions.

Ref: F. No. J-11011/493/2009-IA II (I) dated 25/08/2011

	EC Condition	Compliance																																																																																																																													
2.0	<p>The Ministry of Environment, Forest and Climate change has examined the application. It is noted that proposal is for expansion of Bulk Drug Manufacturing Unit Survey No. 191 Village Chacharwadi Vasana, Taluka Sanand, District Ahmedabad, and Gujarat by M/S Intas pharmaceutical Ltd. No Eco sensitive area is located within 10 Km. Total land required for the project is 50,000 m<sup>2</sup> Total project cost is Rs. 14.0 Crore. Following Product will be manufactured</p> <ul style="list-style-type: none"><li>At the time only two products will be manufactured</li></ul>	<ul style="list-style-type: none"><li>Unit Located at, Survey No. 191 Village Chacharwadi Vasana, Taluka Sanand, District Ahmedabad. It is reported that no eco-sensitive zone is located within 10 Km distance.</li><li>The production details from May -20 to Oct – 20 are as below:</li></ul>																																																																																																																													
	<table><tr><th>Sr.</th><th>Name of Product</th><th>May -20</th><th>Jun -20</th><th>Jul -20</th><th>Aug -20</th><th>Sep -20</th><th>Oct -20</th></tr><tr><td>1</td><td>Pregabaline(Kg)</td><td>60.260</td><td>138.500</td><td>90.00</td><td>136.185</td><td>0</td><td>71.89</td></tr><tr><td>2</td><td>Paclitaxel (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>3</td><td>Fesoterodine Fumarate (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>4</td><td>Trazadone Hydrochloride (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>5</td><td>Lacosamide (Kg)</td><td>45.680</td><td>0</td><td>0</td><td>0</td><td>53.81</td><td>0</td></tr><tr><td>6</td><td>Dabigatran (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>7</td><td>Linezolid (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>8</td><td>Etoncoxib (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>9</td><td>Rivaroxaban (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>10</td><td>Eletriptan Hydrobromide (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>11</td><td>Dronaderon (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>12</td><td>Chloline Fenofibrate (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>13</td><td>Prasugrel Hydrochloride (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td colspan="2">Total (Kg)</td><td>105.94</td><td>138.500</td><td>90.00</td><td>136.185</td><td>53.81</td><td>71.89</td></tr></table>							Sr.	Name of Product	May -20	Jun -20	Jul -20	Aug -20	Sep -20	Oct -20	1	Pregabaline(Kg)	60.260	138.500	90.00	136.185	0	71.89	2	Paclitaxel (Kg)	0	0	0	0	0	0	3	Fesoterodine Fumarate (Kg)	0	0	0	0	0	0	4	Trazadone Hydrochloride (Kg)	0	0	0	0	0	0	5	Lacosamide (Kg)	45.680	0	0	0	53.81	0	6	Dabigatran (Kg)	0	0	0	0	0	0	7	Linezolid (Kg)	0	0	0	0	0	0	8	Etoncoxib (Kg)	0	0	0	0	0	0	9	Rivaroxaban (Kg)	0	0	0	0	0	0	10	Eletriptan Hydrobromide (Kg)	0	0	0	0	0	0	11	Dronaderon (Kg)	0	0	0	0	0	0	12	Chloline Fenofibrate (Kg)	0	0	0	0	0	0	13	Prasugrel Hydrochloride (Kg)	0	0	0	0	0	0	Total (Kg)		105.94	138.500	90.00	136.185	53.81	71.89
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3.0	<p>Packed column scrubber consisting of venturi followed by alkali scrubber will be provided to control HCL emissions. Primary condenser with chilled water and secondary condenser with chilled brine of -10 °c will be provided to the all reactors to the all reactor to control fugitive emissions from process. Packed column type scrubber consisting venturi followed by water scrubber will be provided to control solvent vapor emission. Total fresh water requirement from ground water source will be 46 m<sup>3</sup>/day. Total industrial effluent generation will be 14.65 m<sup>3</sup>/day. Industrial effluent will be segregated in to High COD and low COD effluent</p> <p>Streams. High COD stream will be evaporated in</p>	<ul style="list-style-type: none"><li>Unit has provided packed column scrubber consisting of venture followed by alkali scrubber to control Hcl Emission.</li><li>Unit has provided primary condenser with chilled water and secondary condenser with chilled brine of -10°C to the all rectors to control fugitive emissions from process.</li><li>Unit has provided packed column scrubber consisting of venture followed by water scrubber to control solvent vapor emission</li></ul>																																																																																																																													

## M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20

multi effect evaporated (MEE). Low COD effluent stream will be treated in ETP and treated effluent will be recycled and reused within the factory premises. ETP Sludge will be sent to hazardous waste treatment storage disposal facility (TSDF). Process residue (Organic), Solvent residue and spent carbon will be sent to cement plant. Used oil will be sold to the authorized re-processor.



- Entire water requirement has been fulfilled from Bore well


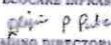

Fresh water consumption details is given below

Month	Water Consumption per Month (KI)	Water Consumption per day (KI)
May -20	923	29.7
Jun -20	917	30.5
Jul -20	981	31.6
Aug -20	947	30.5
Sep -20	950	31.6
Oct -20	974	31.4

- We are strictly following Zero Liquid discharge by operating Effluent Treatment plant followed by RO & MEE with ATFD. Finally Salt transfer to TSDF site.
- Unit has provided dedicated MEE with solvent stripper for treat High COD / High TDS stream and Low volatile solvent collect and incinerated in to own incinerator.
- Hazardous waste generates from site is being managed as per the existing consent No. AWH – 91538 dated 28/02/2018 valid up to 11/02/2023 and as per the Hazardous waste rule 2016
- Landfill waste is being send to common TSDF site of M/s ECOCARE Infrastructure Pvt. Ltd. , Surendranagr and incinerable waste is incinerate in own incinerator and Ash is also being send to common TSDF site of M/s



# M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20

		<p>ECOCARE, Surendranagr. Membership certificate &amp; Undertaking of Eco Care as Attached as <b>Annexure -1(A) &amp; 1(B)</b></p> <ul style="list-style-type: none"> <li>Copy of Form IV submitted to GPCB for the year 2019-20 , is attached for your ready reference as <b>Annexure-2</b></li> </ul>
	<p align="center"><b>Annexure-1(A)</b></p> <hr/>  <p align="center"><b>MEMBERSHIP CERTIFICATE</b></p> <p align="center">TO WHOM IT MAY CONCERN</p> <p align="center">This is to certify that</p> <p align="center"><b>M/S. INTAS PHARMACEUTICALS LTD</b></p> <p align="center">which is situated at</p> <p align="center">Plot No-407-408, Mahadev-Bhola Road, Village-Mandla, Tal-Bansad, Dist.-Ahmedabad-382210</p> <p align="center">is member of</p> <p align="center"><b>M/S. ECOCARE INFRASTRUCTURES PVT. LTD.</b></p> <p align="center">for Treatment, Storage and Disposal Facility (TSDP), Situated at Survey No. 127, Village-Ghaspur, Tal: Dandevi, Dist: Surendranagar.</p> <p align="center">This membership is valid for a period of 3 years.</p> <p>Membership No. : <b>ECIPL-213</b>          Membership Renewal Date : <b>06-01-2020</b>          Membership Expired on : <b>31-01-2023</b></p> <p>FOR, ECOCARE INFRASTRUCTURES PVT. LTD.            (MANAGING DIRECTOR)</p> <p align="center">He/She/They/It, Tal: Ghaspur, Dist: Surendranagar-382210 M. 76007201</p>	<p align="center"><b>Annexure-1(B)</b></p> <hr/> <p align="center"><b>UNDERTAKING</b></p> <p align="center">(On the Stamp Paper of Rs. 500/- with Notarisation)</p> <p>To,          EcoCARE Infrastructures Private Limited          Survey No. -127,          Village-Ghaspur,          Tal: Dandevi,          Dist: Surendranagar-382210</p> <p>WE, <u>INTAS PHARMACEUTICALS LIMITED</u>,          Situated at <u>Plot No-407-408, Mahadev-Bhola Road</u>, Village-Mandla, Tal-Bansad, Dist.-Ahmedabad-382210, interested to become a member of Treatment, Storage and Disposal Facility (TSDP), located at Survey No. 127, Village - Ghaspur for the disposal of solid waste generated from our unit. We are enclosing a DD No. _____ dated _____ Name of the Bank _____ for Rs. _____ Rs. in Word _____ towards the Membership Fees in favor of EcoCARE Infrastructures Private Limited, TSDP at Ghaspur together with Membership form duly filled, signed and stamped along with necessary enclosures.</p> <p>We understand that our membership fees is applicable for the utilization for the disposal of the solid waste for a period of 3 years and we further understand that the fees paid by us is not refundable and non-transferable under any circumstances.</p> <p>We hereby undertake that</p> <ol style="list-style-type: none"> <li>The solid waste sent by us for dumping into TSDP will be in compliance with the relevant environmental laws and the rules/regulations/guidelines prescribed by GPCB/GPCB from time to time. The solid waste will not contain moisture in excess of 20% and will have pH between 6.5 to 8.5.</li> <li>We will send the solid waste by the vehicle duly registered, covered and appropriately secured in accordance with the prevailing procedure, if any, specified by you or the concerned authority to prevent dusting, spillage and environmental nuisance. The disposal system prescribed under Hazardous Waste Management Rules will be fully complied with while transporting solid waste to the TSDP.</li> <li>We will not send the recyclable/reusable solid waste for dumping.</li> </ol>
	<p>4. We understand and agree that "EcoCARE Infrastructures Private Limited" a company, a TSDP Provider, will have no liability towards the accident, if any, which may take place during loading, transporting, unloading, dumping, handling etc. of the solid waste and for the loss, damage etc. occurred to the vehicles and/or injured to the persons involved in the handling of such waste and it will be totally at our sole risk and we will be responsible to compensate the same and meet with all statutory liabilities arising therefrom.</p> <p>5. We will make advance payment for dumping of solid waste. We will make payment of the bills raised for dumping charges within seven days falling which "EcoCARE Infrastructures Private Limited" will having right to stop the acceptance of solid waste and continuation of associated activities and use of facilities.</p> <p>6. It shall be our responsibility to comply with all applicable statutory provisions / facilities inter alia NTO Rules and Regulations.</p> <p>7. Whenever a comprehensive report about handling of solid waste is required by GPCB, the charges shall be borne by us.</p> <p>8. We agree to abide by the terms and conditions and payment charges as may be prescribed by the "EcoCARE Infrastructures Private Limited" from time to time.</p> <p>9. We understand that the Membership granted is subject to GPCB/GPCB Rules and Regulations.</p> <p>10. It is agreed that we will inform to "EcoCARE Infrastructures Private Limited" and GPCB, whenever, we will become member of any other TSDP provider, and will comply with the rules/regulations/guidelines specified by you and/or GPCB/GPCB in this regard.</p> <p>11. It is agreed that no party of this agreement shall be responsible for any failure or delay on its part in performing any of its obligations or for any loss or damage, costs, charges and expenses incurred or suffered by the other party by reason of such failure or delay caused due to any force majeure conditions, acts of Gods, Laws and Rules &amp; Regulations of Government orders, Lock-outs, riots, violence, war or any other cause beyond its control.</p> <p>12. Subject to Ahmedabad jurisdiction only.</p> <p>Place: <u>INTAS, Gandhinagar</u>          Date: _____</p> <p><u>Komalpush M. Patel</u>          Designation: <u>GM</u>          Name and designation of Person Signing</p> <p align="center">          Signature with seal of unit</p>	

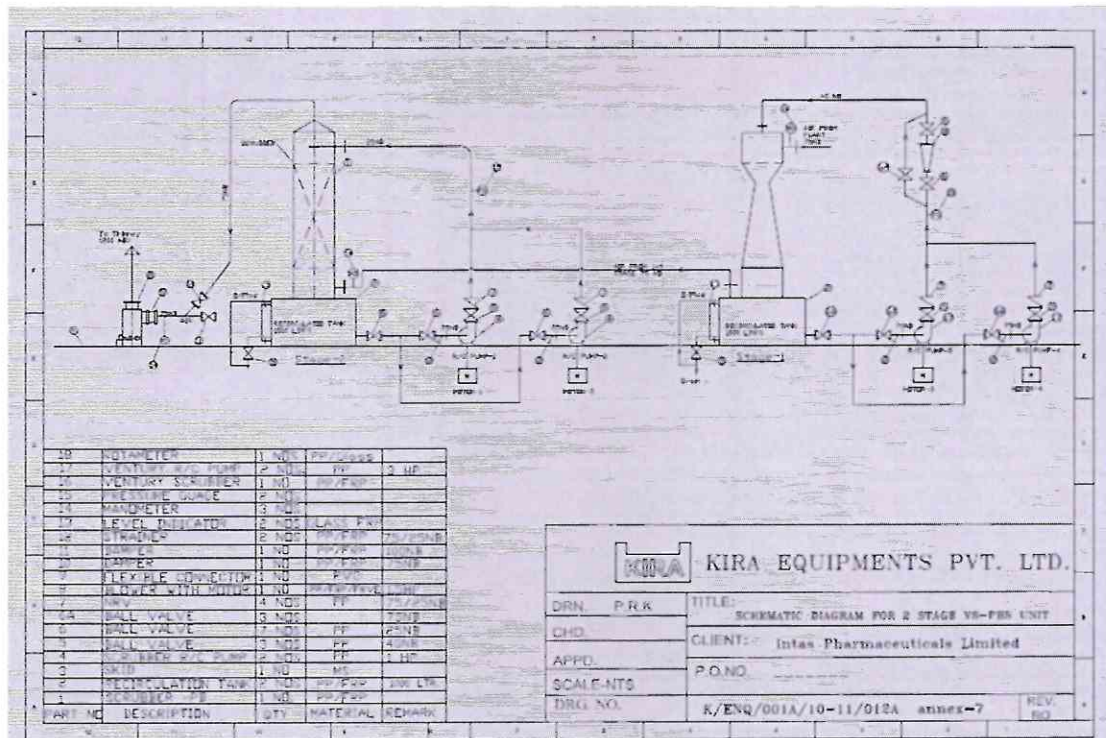


**M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20**

4.0	Public hearing of the project was held on 11 <sup>th</sup> June, 2010	EC file no.F. No. J-11011/493/2009-IA II(I) issued by MoEF on year - 2013 .Before receiving the EC advertisement for granted EC has been given in English News Paper & Gujarati Newspaper and also inform to ministry about advertisement through letter
5.0	The synthetic organic chemicals industry (Bulk drugs & intermediates) located outside the notified industrial area/estate are listed at S.N. 5(f) under category 'A' and appraised at central level.	--
6.0	The proposal was considered by the Expert appraisal Committee (Industry-2) in its 3 <sup>rd</sup> 14 <sup>th</sup> & 21 <sup>st</sup> meeting held during 15 <sup>th</sup> – 16 <sup>th</sup> September, 2009, 16 <sup>th</sup> – 17 <sup>th</sup> September, 2010 and 23 <sup>rd</sup> – 24 <sup>th</sup> March, 2011 respectively. The committee recommended the proposal for environmental clearance.	--
7.0	Based on the information submitted by the project proponent , the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, dated 14 <sup>th</sup> September 2006 subject to the compliance of the following Specific and General Conditions:	--
<b>A. SPECIFIC CONDITION</b>		
i.	Compliance to all the environmental conditions stipulated in the environmental clearance letter No. J-11011/493/2009-IA II (I), on dated 25/08/2011 shall be satisfactorily implemented and compliance reports submitted to the Ministry's Regional Office at Bhopal.	All conditions complied and compliance reports submitted to Regional Office Bhopal.
ii.	National Emission standards for organic chemicals manufacturing industry issued by the Ministry vide G S R 608€ dated 21st July, 2010 and amended time to time shall be followed by the unit.	We are followed all the guideline of National Emission Standard.

iii.	<p>As proposed Packed column scrubber consisting of venturi followed by alkali scrubber will be provided to control HCL emissions within the limit prescribed by CPCB/GPCB. Packed column type scrubber consisting venturi followed by water scrubber will be provided to control solvent vapor emission. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, emission level shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit the respective unit shall not be restarted until control measures are rectified to achieve the desired efficiency.</p>	<ul style="list-style-type: none"> <li>• Unit have a SOP for operation of scrubber and pH maintain in scrubber and data note down in Form. NaoH &amp; Hcl solution is using as a scrubbing media for control the gaseous emission as per CC&amp;A. Scrubbing media drain to ETP for further treatment as and when required.</li> <li>• Efficiency of scrubber monitored regularly by approved M/s. Akshar consultants and reports are being submitted to GPCB on regular basis for prescribed parameters. We are monitoring the emission level by GPCB approved third party (M/s Akshar Consultant). The emission results are as mentioned for your ready reference as <u><b>Annexure – 3</b></u></li> </ul>
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- Unit has provided scrubber for control of gaseous emission.



iv.	No steam boiler shall be installed for the proposed project as steam shall be made available for process from existing adjoining plant of M/s Intas Pharmaceuticals Ltd.	Steam boiler is not installed and steam is used for process from existing adjoining plant of M/s Intas Pharmaceuticals Ltd. Plot No – 457/458.
v.	Ambient air quality data shall be collected as per NAAQAS standard modified by Ministry wide G.S.R. No 826(E) dated 16 <sup>th</sup> September, 2009. The level of PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> , CO, VOC and HCL shall be monitored in the ambient air and emissions from the stacks shall be monitored and displayed at a convenient locations near the main gate of the company and at important public places. The company shall uploads the results of monitoring data on its website and shall updates the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and Gujarat Pollution Control Board	<p>Monitoring being done on quarterly basis through GPCB approved third party M/s. Akshar Consultants and being regularly updated to GPCB, MOEF Regional office &amp; displayed at main gate board. Below Pasted Ambient air Monitoring Data.</p> <p>We have uploaded details of status of compliance of the stipulated EC condition, including result of monitored data on company website that is accessible to concern stack holder and updates the same in every six month.</p>



**M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20**

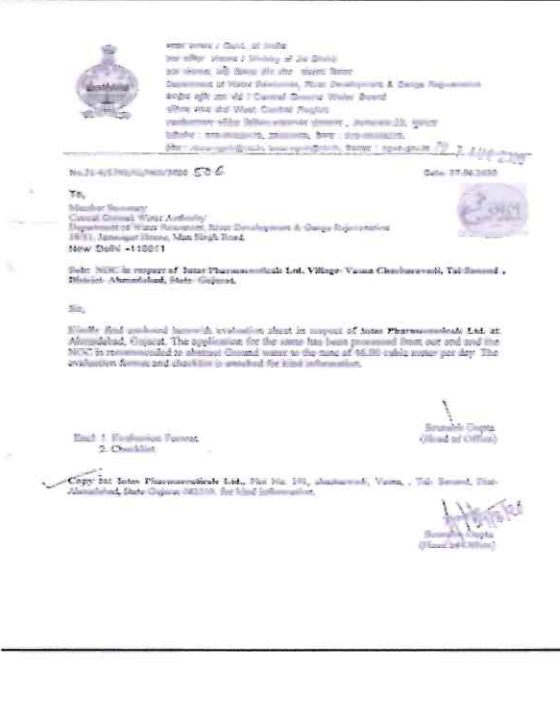
	(GPCB) . On-line VOC analyzer shall be installed for monitoring of VOCs in ambient air																						
	<table><tr><th>Sr. No</th><th>Sample Name</th><th>PM2.5 (mg/m3)</th><th>PM10 (mg/m3)</th><th>SO2 (mg/m3)</th><th>NO2 (mg/m3 )</th></tr><tr><td>1</td><td>Ambient Air Monitoring. (May -20)</td><td>45.31</td><td>85.05</td><td>4.59</td><td>12.74</td></tr><tr><td>2</td><td>Ambient Air Monitoring ( Aug -20)</td><td>49.60</td><td>88.54</td><td>5.75</td><td>10.60</td></tr></table>					Sr. No	Sample Name	PM2.5 (mg/m3)	PM10 (mg/m3)	SO2 (mg/m3)	NO2 (mg/m3 )	1	Ambient Air Monitoring. (May -20)	45.31	85.05	4.59	12.74	2	Ambient Air Monitoring ( Aug -20)	49.60	88.54	5.75	10.60
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vi.	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling and conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading area to control dust emissions. Fugitive emissions in the work zone environment product raw material storage area etc. shall be regularly monitored. The emissions shall be confirm to the limit of stipulated by the GPCB.		Adequate system is provided by closed handling and we are regularly monitoring respective work area. Handling will be done in closed system. Fugitive emission monitored done at regular intervals at site.  Work zone monitoring is regularly carried out A as per the Factories Act and records are maintained as per Form No. 37. Please refer <u>Annexure - 4</u>																				
vii	For further control of fugitive emissions following steps shall be followed.																						
	1 Closed handling system shall be provided for chemicals		Complied																				
	2 Reflux condenser shall provide over reactor.		Complied																				
	3. System of leak detection and repair of pump/pipeline based on preventive maintenance.		Well define preventive maintenance to Avoid leakage.																				
	4. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver condenser operated on chilled water.		Acid is transferred from storage tank to reactor through closed pipelines and Adequate safety control measure has been provided as per the factory act.																				
	5. Cathodic production shall be provided to the underground solvent storage tanks.		NA																				



**M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20**

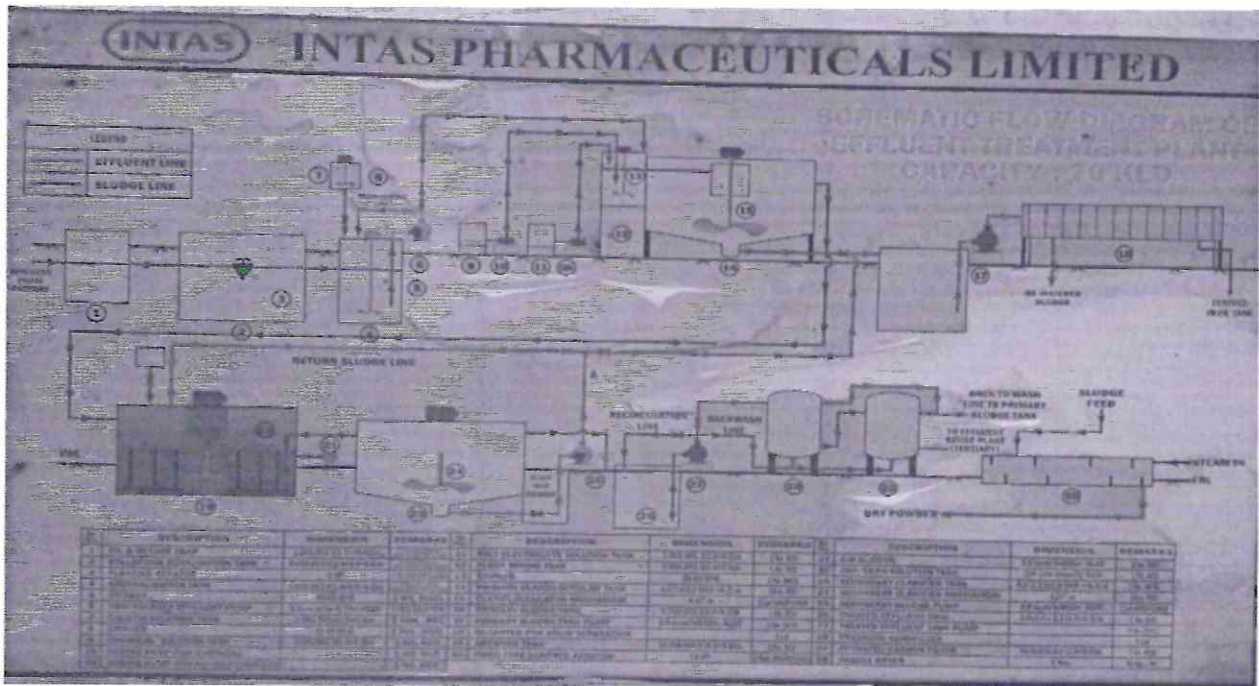
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ix	Solvent management shall be carried out as follows :																																																																									
	<div>1. Reactor shall be connected to chilled brine condenser system.</div> <div>2. Reactor and solvent handling pump have Mechanical seals to prevent leakages.</div> <div>3. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</div> <div>4. Solvents shall be stored in a separate space Specified with all safety measures.</div> <div>5. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done</div> <div>6. Entire plant shall be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses.</div>			<div>Complied.</div> <div>All the solvents are being handle by pumping system with adequate safety Measures. All the installations Solvent area in the plant are with flame proof Fittings.</div> <div>Storage of solvent as Per MSDS and Under CCOE Approved Shed with Adequate Safety measures. Proper earthing are provided in all the electrical equipment wherever solvent handling is done</div>																																																																						
x	Total fresh water requirement from ground water source shall not exceed 45 m3/day and prior permission shall be obtained from the CGWA/SGWA.			<div>Noted and will be assured presently application under scrutinize.</div> <div>Application No: 21-4/5792/GJ/IND/2020</div>																																																																						

**M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20**

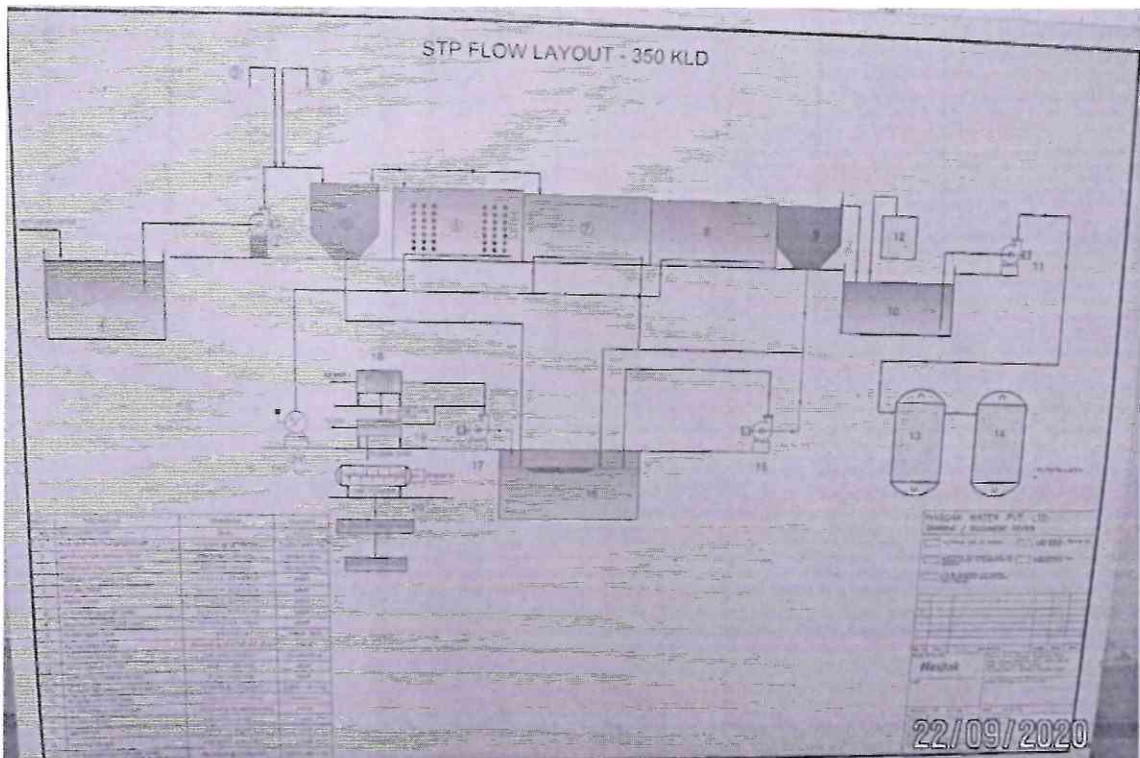
	
<p>xi</p> <p>Industrial effluent generation shall not exceed 14.65 m3/day. Industrial effluent will be segregated in to High COD and low COD effluent streams. High COD stream will be evaporated in multi effect evaporated (MEE). Low COD effluent stream will be treated in ETP and treated effluent will be recycled and reused within the factory premises after achieving desired water quality for various purpose. Sewage shall be disposed through septic tank followed by soak pit</p>	<ul style="list-style-type: none"> <li>For waste water management we segregate all the effluent streams from source itself based on its characteristic , and it is being treated as per the characteristics as under :</li> <li>High COD/High TDS effluent is being treated in dedicated multiple effect evaporator with stripper and its condensate water treated by ETP followed by RO/MEE/ATFD. Low boiling solvent which is stripped out in stripper, incinerated in own incinerator.</li> <li>Low COD effluent is being treated in ETP followed by RO and RO reject is concentrated in MEE followed by ATFD. All treated water is reused for cooling tower etc.</li> <li>Sewage is being treated in latest PVA gel technology STP.</li> </ul>



- Unit has provided separate ETP for API Low COD /Low TDS Effluent Treatment

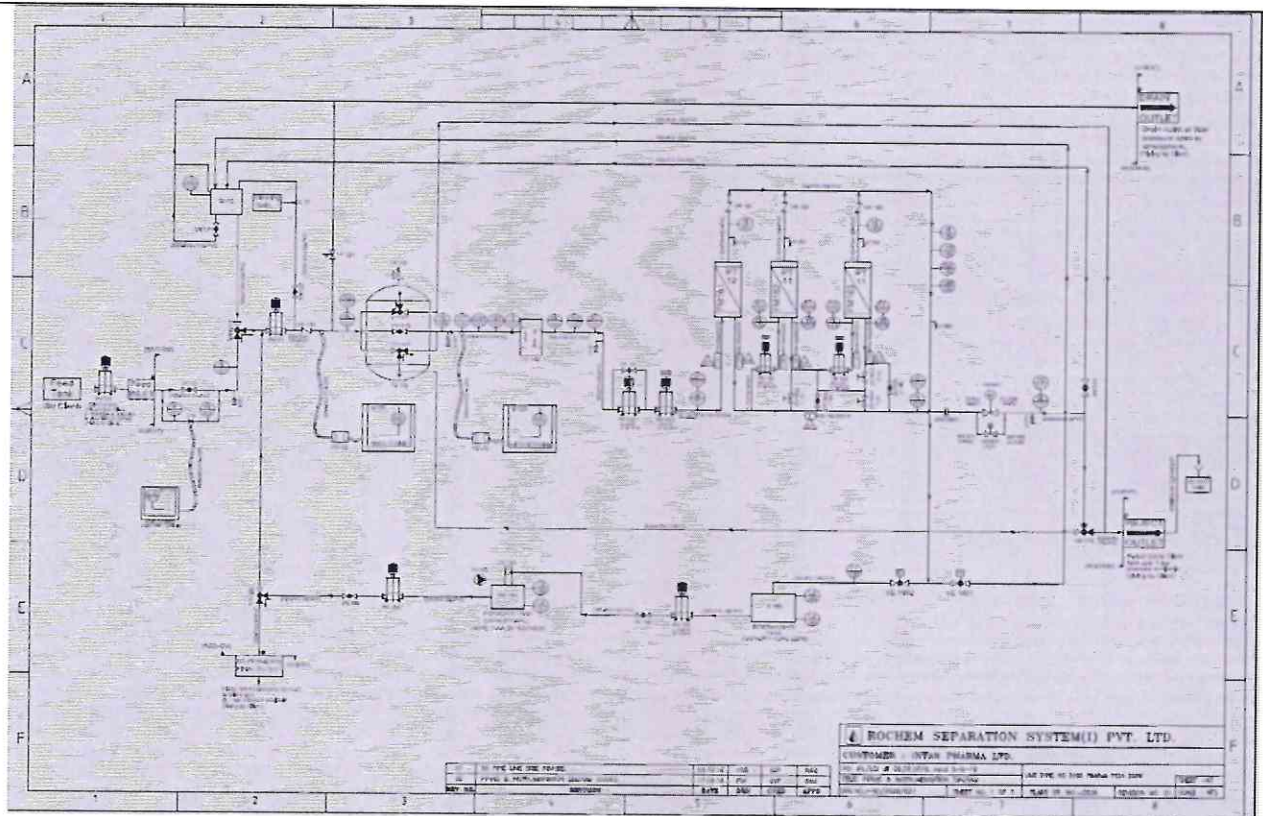


- Unit has provided PVA gel technology STP for treatment of sewage effluent.

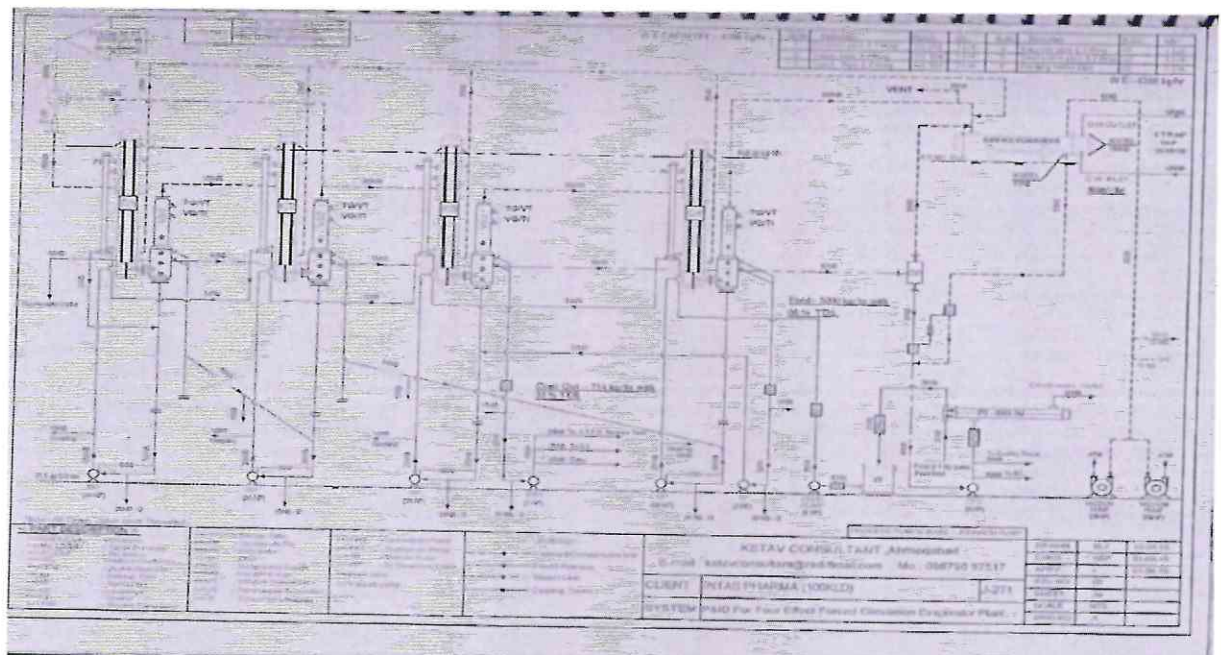






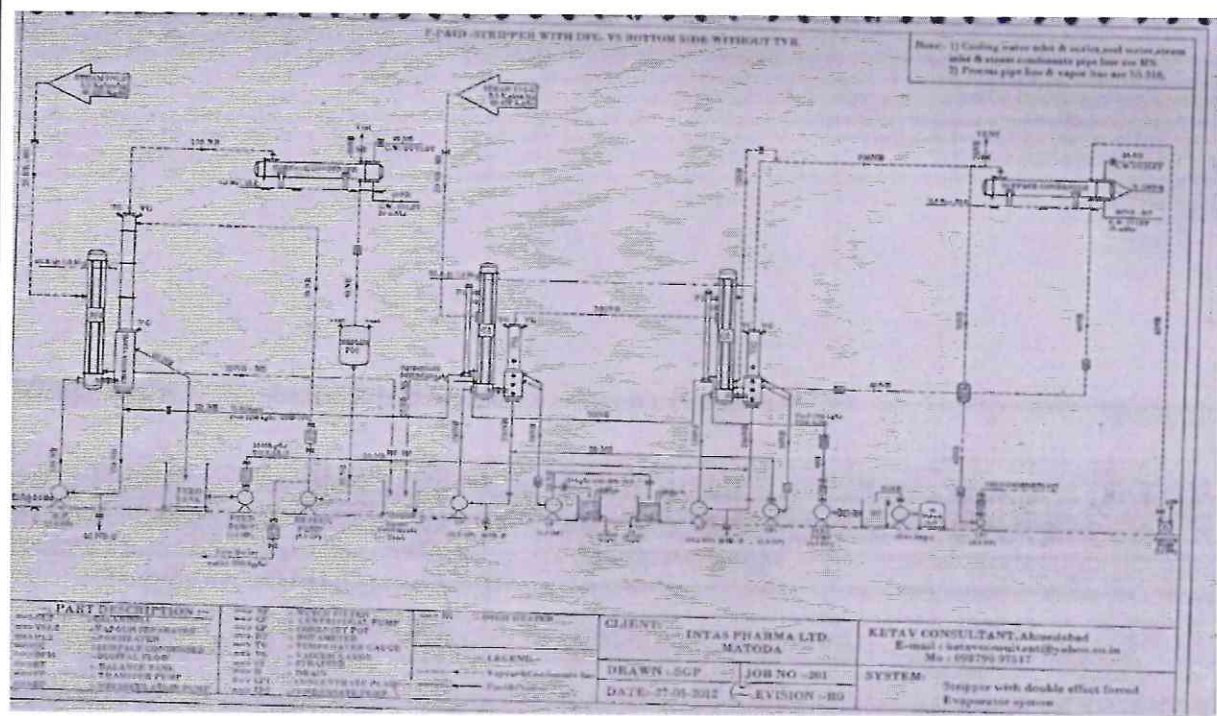


- Unit has provided High TDS MEE for RO Reject water treatment.

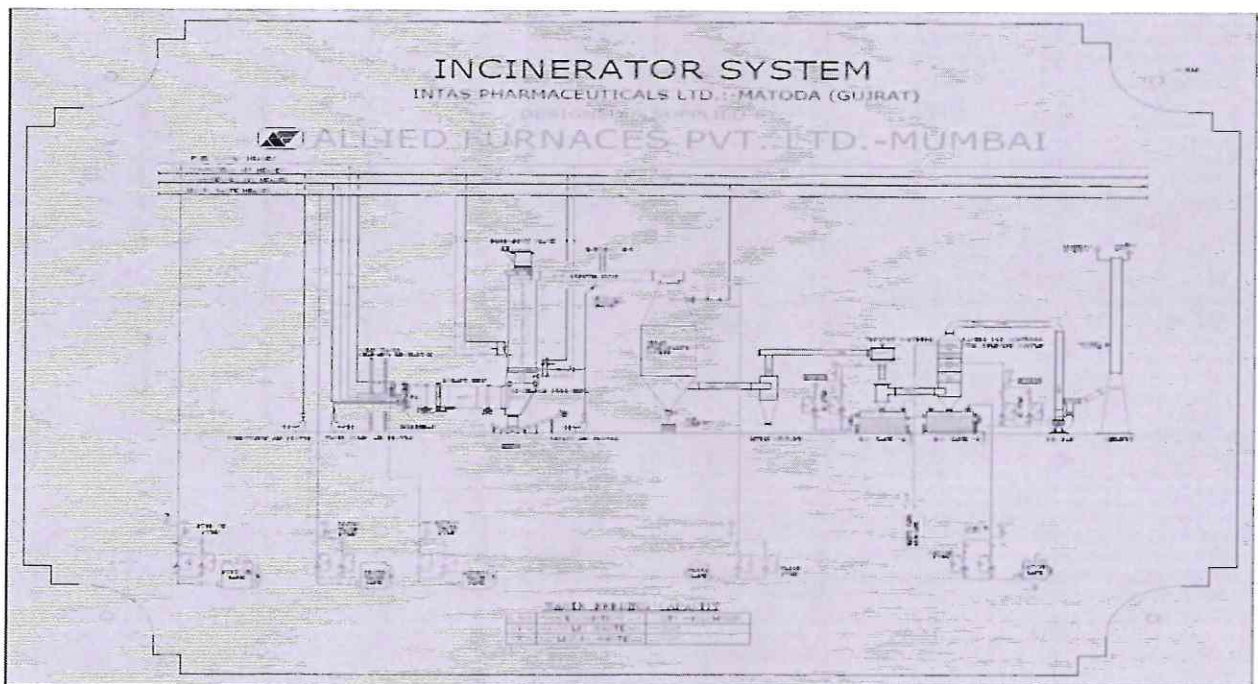




- Unit has provided Dedicated MEE with stripper for High COD/High TDS Effluent.



- Unit has provided latest technology Solid/Liquid waste fully automatic PLC based Rotary kiln Incinerator



- |     |   |  |
|-----|---|--|
| xii | Hazardous chemicals shall be stored in tank, farms, drums, carboys, etc. Flame arresters shall be | Hazardous chemicals are stored in Drum and Drum storage under CCOE approved Shed WITH Adequate |
|-----|---|--|

**M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20**


	provided on the tank farm. Solvent transfer shall be by pumps	Safety and Environment Measures.
xiii	The company shall obtain authorization for Collection, Storage and Disposal of hazardous waste under the Hazardous waste rules, 2008 ( MHTBM ) and amended as on date for management of Hazardous waste and prior permission from GPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures will be taken for firefighting facility in case of emergency.	We are strictly following guidelines under the Hazardous waste (Management Handling and Tran's boundary movement) rules, 2008. We have obtained membership of approved TSDF site approved by GPCB.
xiv	As proposed ETP sludge shall be sent to TSDF. Process residue (organic) solvent residue and spent carbon will be sent to cement plant.	<ul style="list-style-type: none"> <li>ETP sludge are sent to M/s Eco care infrastructure pvt. Ltd., Surendranagar survey no 127, Village- Ghaspur, Ta: Dasada, Dist: Surendranagar for treatment, storage and disposal facility. Membership no: ECIPL -213 which is valid from: 06.01.2020 to 31.01.2023.</li> <li>For Membership certificate &amp; Undertaking of M/s. Eco Care infrastructures pvt. Ltd. , please refer Attached <b><u>Annexure -1(A) &amp; 1(B)</u></b></li> <li>Solvent residue and spent carbon are incinerated in own incineration facility as per valid CCA condition.</li> </ul>
xv	The company shall strictly comply with the rules and guidelines under manufacture, storage and import of hazardous chemicals, (MSIHC) Rules, 1989 as amended in Oct., 1994 and January, 2000. All Transportations of Hazardous chemicals shall be as per the Motor Vehicle Act (MVA) 1989.	Unit are strictly following guidelines as per MSIHC rules 1989 as amended in Oct. 1994 and January 2000. Unit are also following the all Transportations of Hazardous chemicals as per the Motor Vehicle act (MVA) 1989.
xvi	Entire plant where solvents are used shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses	complied
xvii	The company shall undertake following waste minimization measure	
	a. Metering and control of quantity of active ingredient of minimize waste.	We are metering and control quantity of active ingredient for minimize waste
	b. Reuse of by-product from the process as raw materials as raw material substitutes in other processes	Not applicable
	c. Use of automated filling to minimize spillage	We are minimize spillage by using latest technology equipment
	d. Use of close feed system in to batch reactors	complied
	e. Venting equipment through vapor recovery system	complied
	f. Use of high pressure hoses for equipment cleaning to reduce waste water generation	Complied



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XViii	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the OISD 117 norms.	All necessary fire protectors are provided in work. Fire hydrant system, earthing provided throughout the premises as per the OISD 117 norms.																																																																			
xix	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	As per factory act company is regularly medical checkup done every six months basis for all employee and necessary records are being maintained. Last medical checkup for all company & contract employees has been carried out in <b>September -2020</b> Some medical report summary pasted as below.																																																																			
	<table><tr><th>Sr . N o.</th><th>Name</th><th>Age</th><th>Blood Pressure mm Hg</th><th>Pulse /Min</th><th>Hb (g/dl)</th><th>WBC (cmm)</th><th>RBS mg/dl</th><th>ESR (mm/ hr)</th><th>ECG Report</th></tr><tr><td>1</td><td>GHANSHYAM P. MANDANKA</td><td>42</td><td>133/76</td><td>73</td><td>14.6</td><td>7780</td><td>83.9</td><td>2</td><td>Normal</td></tr><tr><td>2</td><td>DIPAK SANTOSH THAKARE</td><td>37</td><td>137/82</td><td>90</td><td>14.5</td><td>6560</td><td>65.5</td><td>2</td><td>Normal</td></tr><tr><td>3</td><td>RAJESH B. PATEL</td><td>42</td><td>125/83</td><td>73</td><td>14</td><td>6510</td><td>94.57</td><td>2</td><td>Normal</td></tr><tr><td>4</td><td>LALABHAI K. BHARVAD</td><td>29</td><td>120/68</td><td>89</td><td>15.1</td><td>6650</td><td>115.5</td><td>2</td><td>Normal</td></tr><tr><td>5</td><td>APOORVAKUMAR R. PATEL</td><td>29</td><td>140/91</td><td>98</td><td>15</td><td>9050</td><td>123.1</td><td>3</td><td>Normal</td></tr></table>									Sr . N o.	Name	Age	Blood Pressure mm Hg	Pulse /Min	Hb (g/dl)	WBC (cmm)	RBS mg/dl	ESR (mm/ hr)	ECG Report	1	GHANSHYAM P. MANDANKA	42	133/76	73	14.6	7780	83.9	2	Normal	2	DIPAK SANTOSH THAKARE	37	137/82	90	14.5	6560	65.5	2	Normal	3	RAJESH B. PATEL	42	125/83	73	14	6510	94.57	2	Normal	4	LALABHAI K. BHARVAD	29	120/68	89	15.1	6650	115.5	2	Normal	5	APOORVAKUMAR R. PATEL	29	140/91	98	15	9050	123.1	3	Normal
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xx	Green belt shall be developed in 16,500 m <sup>2</sup> out of total area 50,000 m <sup>2</sup> selection of plant species shall be as per the CPCB guidelines.	Green Belt developed in 16,500 m <sup>2</sup> land within Plant premises. Wide green belt developed on all side along with the periphery of the every manufacturing unit and warehouses. Listed trees developed in Unit Premises  Golmor, Pipal, Rain tree, Pilto, Conocarpus, Kinjelia, Kodia, Nilgiri, Neem, Saru etc...																																																																			



		
xxi	<p>Provision shall be made for the housing for the construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.</p>	<p>Not applicable at this point of time</p>
<b>B. GENERAL CONDITION</b>		
i.	<p>The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.</p>	<p>The company is committed to follow all statutory requirements stipulated by GPCB in Vide consent order NO. AWH-91538 dated <b>28/02/2018</b> valid up to <b>11/02/2023</b> Copy of CC&amp;A Attached as <b><u>Annexure-6</u></b></p>
ii.	<p>No further expansions or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures</p>	<ul style="list-style-type: none"> <li>• We assure that no further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forest.</li> </ul>

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	required, if any.	
iii	The locations of ambient air quality monitoring shall be decided in consultation with the Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	<ul style="list-style-type: none"> <li>The location of Ambient Air quality Monitoring is decided in open space near Boiler and Ambient Air monitoring is done by Akshar Consultants. It is a MoEF recognized. Work area air monitoring also carry out by Akshar Consultants.</li> </ul> <p>Report for the same are attached separately as <b><u>Annexure-7</u></b></p>
iv.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<ul style="list-style-type: none"> <li>The overall noise level is well within the limit for detail pl. refers as <b><u>Annexure - 5</u></b> for noise monitoring report.</li> <li>Noise monitoring is done by Akshar Consultants. It is GPCB approved laboratory.</li> </ul>
v.	The company shall harvest rain water from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	We have provided rain water harvesting system to recharge the ground water and conserve the ground water.
vi.	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	<ul style="list-style-type: none"> <li>Company has made compulsory induction training for every new employee about EHS awareness and evaluation checked by the written exam.</li> <li>Company has made training calendar on various safety, health &amp; environment topics such a way that all the employee covered in each topics.</li> <li>Fire drill demonstration and awareness training provided to all department employee in every 02 months.</li> <li>Environmental and safety mock drill conduct every 06 months at particular plant with various scenario.</li> <li>During the environment day, safety week, fire day various training programme planned for awareness about safety and Environment.</li> <li>First aid training conducted every year through</li> </ul>









## M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20

		<p>state government approved doctor. And also in-house training</p> <p>Planned at every month by Factory Medical Officer.</p>
vii.	Usage of Personnel Protection Equipment's by all employees/ workers shall be ensured.	<p>The following PPE's are provided to the employees/workers and it's usage ensured:</p> <ul style="list-style-type: none"> <li>• Safety Helmet – <b>During operation</b></li> <li>• Safety Shoes - <b>Mandatory</b></li> <li>• Hand gloves (cotton, leather, rubber) – <b>During operation</b></li> <li>• Safety Goggles - <b>Mandatory</b></li> <li>• Working dress - <b>Mandatory</b></li> <li>• Safety Belt –During working at Height</li> </ul>
Viii	The Company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk, mitigation measures and public hearing relating to the project shall be implemented.	<p>We have completed &amp; implemented all the action for environmental protection measures and safeguard as recommended in EIA &amp;EMP like,</p> <p>For waste water management, Unit is zero liquid Discharge (ZLD) and to achieve ZLD status unit has provide 03 Nos. of Multi Effect Evaporator (MEE) plant (out of 03 -01 plant is dedicated for RO reject, other 02 Nos. of MEE with solvent stripper is dedicated to treat high COD/TDS effluent), two stage reverse osmosis plant (RO), full – fledged effluent treatment plant (ETP) comprising of primary, secondary &amp; tertiary treatment facility, solid-liquid incinerator &amp; separate sewage treatment plant.</p> <ul style="list-style-type: none"> <li>• Further, unit has adopted source segregation philosophy for effluent generates from various unit operation / processes to achieve consistent performance.</li> <li>• Unit has provided in house incinerator in Plot No: 457 /458 for solid-liquid incinerable waste.</li> <li>• Unit is regular member of TSDF site of M/s. Eco care infrastructure pvt. Ltd., Surendranagar for disposal of ETP sludge / Incineration ash / MEE salt.</li> </ul>
ix	The company shall undertake all relevant measures for improving the socioeconomic conditions of surrounding area. CSR activities shall be undertaken by involving local villages and	The company take all relevant measures for improving the socioeconomic condition of surrounding area by involving local village and administration as per factory



## M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20

	administration	<p>act.</p> <p>We are follow the CSR guideline. Recent development on community development attached for reference.</p> <div>    </div> <p>Tree Plantation - Intas Impact Report Data Sheet 2019-20 Sarkhej - Bavla Roac CSR Activity.docx Girlchild Education I</p>																								
x	The company shall undertake eco - developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<p>Details of eco development measures implemented including community development measures in projet area is attached as per below</p> <div>    </div> <p>Tree Plantation - Intas Impact Report Data Sheet 2019-20 Sarkhej - Bavla Roac CSR Activity.docx Girlchild Education I</p>																								
<p><b>INTAS Girl Child Education Programme.</b></p> <p>Introduction</p> <p>Intas is</p> <table border="1"> <thead> <tr> <th>SR. NO.</th><th>LOCATION</th><th>TOTAL BENEFICIARIES</th></tr> </thead> <tbody> <tr> <td>1</td><td>MATODA</td><td>100</td></tr> <tr> <td>2</td><td>MORAIYA</td><td>60</td></tr> <tr> <td>3</td><td>SANAND</td><td>42</td></tr> <tr> <td>4</td><td>VATVA</td><td>30</td></tr> <tr> <td>5</td><td>ANKLESHWAR</td><td>50</td></tr> <tr> <td>6</td><td>VALIA</td><td>50</td></tr> <tr> <td colspan="2">TOTAL</td><td>332</td></tr> </tbody> </table> <p>from</p> <p>background or they're forced to put down their education and are getting early marriage. With the support of INTAS, 332 girl children are able to continue their studies and able to move ahead in life. Following are the list of 332 (on-going) across various area of Gujarat:</p> <p>Situation before scholarship and current situation</p> <p>In the rural areas, most of the family members are working on daily wages and the earning source is very</p> <p>supporting girl child education by providing scholarship support to the talented 332 girl student. The girl children are coming the financially weak</p>			SR. NO.	LOCATION	TOTAL BENEFICIARIES	1	MATODA	100	2	MORAIYA	60	3	SANAND	42	4	VATVA	30	5	ANKLESHWAR	50	6	VALIA	50	TOTAL		332
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6	VALIA	50																								
TOTAL		332																								

less. To meet the daily needs and fulfil the basic requirements itself is a difficult task and additionally to provide education to the children is still a big task. Also, most of the family members are not allowing girls to get the education as the family don't have enough finances.

But since the scholarship is provided and girls are getting the scholarship, the entire situation in the community has changed. Most of the girls who are enrolled with scholarships are getting good education and at the same time they're responsibly taking self and family care too. They are also educating the siblings and likewise parents in the learning journey.

Parents who used to considered girl child as a burden are now seeing the success of them. Also, they're not just motivating own child but also ensuring that the girls in the community should study and get good education. Also, education these days is too expensive and hence through the scholarship, families have fewer burdens on the educational needs.

#### Home Visits

Apart from Ankleshwar and Valia, all the other location home visits were conducted. Following are the highlights from the meeting:

Girls are going to school on regular basis.

Most of the girls want to do further education but due to lack of educational facilities in the village, it becomes very difficult for parents to agree. Also, safety is the huge issue that the parents are scared to allow the girls for further education. Colleges are far from the

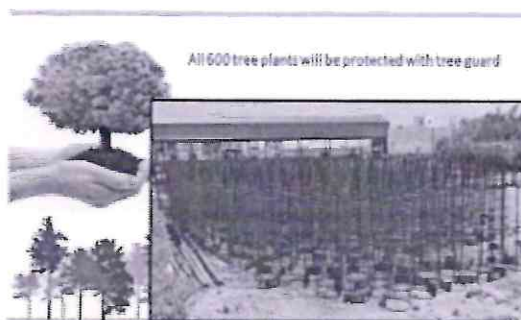
Few of the parents are having financial problem and hence, they're not having any option to provide higher educational needs for the girl child.

During the visit, we found that parents have only 1 child (son) and they also want to have scholarship as the children is bright but financial situation is not possible to meet the educational needs.

**Parents Meeting: Every month Saath conducts monthly parents meeting. Following are the discussed points:**

- 1) Importance of the education, and ensuring that no girls should be dropped-out of the studies. Also, ensuring that the further education should be allowed for the girls.
- 2) Awareness and Session relating to Health and Hygiene, Video was shown for the health. Also, no outside eatables only home cooked food should be taken. Additionally, importance of washing hands, daily bath, nails to be cut, hair cutting, and other cleanliness relating knowledge was shared.
- 3) Information relating to various government schemes for the student and family. Ex: Scholarship for good %, SSC & HSC higher percentage students get Scholarship from Government. Health and other facilities for Family are also discussed during the Parents meeting.
- 4) Discussion on how to support more child, as number of children per family is more and only 1 child is supported, so measures to support more child should be considered,

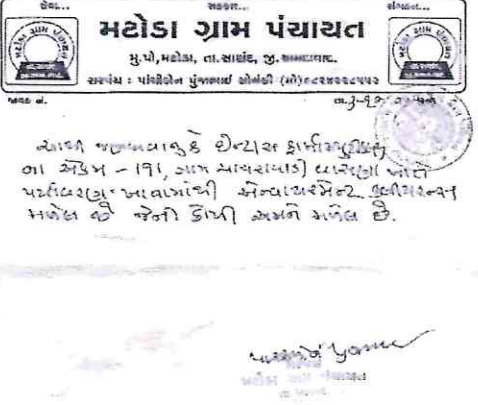






Xi	A separate environmental management cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Separate EHS management Cell is in Place & Functioning well. Organ gram of EHS management cell is below. We have also established adequate ETP laboratory to analyzing basic parameter pH, COD, BOD, TDS, TSS, MLSS, MLVSS etc....for detail analysis we have done by GPCB approved M/s. Akshar Consultants.																																																																	
	<table><tr><th colspan="4">Qualification of EHS Department</th></tr><tr><th>Designation</th><th>NAME of Person</th><th>Total years</th><th>QUALIFICATION</th></tr><tr><td>Sr. V.P. (API Mfg.&amp; EHS Head)</td><td>Mr. Sandeep Shah</td><td>+ 30 Yrs.</td><td>BE (Chemical)</td></tr><tr><td>Sr. GM - EHS</td><td>Mr. Hitesh Gandhi</td><td>+ 28 yrs</td><td>BE (Chemical &amp; Post Diploma in industrial Safety, Diploma Environment technology)</td></tr><tr><td>Sr. Manager</td><td>Dr. Gaurav Jain</td><td>+ 15 yrs</td><td>MBBS</td></tr><tr><td>Manager</td><td>Mr. Kalpesh Patel</td><td>+ 20 Yrs</td><td>Diploma in Chem. &amp; Post Diploma in industrial safety</td></tr><tr><td>Manager</td><td>Mr. Hitesh Dave</td><td>+ 15 yrs</td><td>Diploma in Mechanical</td></tr><tr><td>Asst. Manager</td><td>Mr. Ritesh Patel</td><td>+ 20 Yrs</td><td>Bsc. Chemistry</td></tr><tr><td>Sr. Executive</td><td>Mr. Punit Patel</td><td>+ 10 yrs</td><td>Bsc. Chemistry, Post Diploma in industrial safety</td></tr><tr><td>Sr. Executive</td><td>Mr. Harsh Bhavsar</td><td>+ 10 yrs</td><td>Bsc. Chemistry, Post Diploma in industrial safety</td></tr><tr><td>Sr. Executive</td><td>Mr. Amrish Prajapati</td><td>+10 Yrs.</td><td>BE Chemical + Post Diploma in Industrial Safety.</td></tr><tr><td>Sr. Officer</td><td>Shift Officer ( 08 Nos)</td><td>+ 10 Yrs.</td><td>Bsc. Chemistry</td></tr><tr><td>Maintenance Engg.</td><td>Shift Engg. ( 02 Nos)</td><td>+ 03 Nos.</td><td>B.E. Mechanical</td></tr><tr><td>Officer</td><td>Shift male Nurse ( 04 Nos)</td><td>+ 5 Yrs.</td><td>General Nursing</td></tr><tr><td>Operator</td><td>Shift Operator (19 Nos)</td><td>+ 10 Yrs.</td><td>I.T.I or 12 Pass</td></tr><tr><td>Technician</td><td>Shift Technician</td><td>+ 10 Yrs.</td><td>I.T.I.</td></tr></table>			Qualification of EHS Department				Designation	NAME of Person	Total years	QUALIFICATION	Sr. V.P. (API Mfg.& EHS Head)	Mr. Sandeep Shah	+ 30 Yrs.	BE (Chemical)	Sr. GM - EHS	Mr. Hitesh Gandhi	+ 28 yrs	BE (Chemical & Post Diploma in industrial Safety, Diploma Environment technology)	Sr. Manager	Dr. Gaurav Jain	+ 15 yrs	MBBS	Manager	Mr. Kalpesh Patel	+ 20 Yrs	Diploma in Chem. & Post Diploma in industrial safety	Manager	Mr. Hitesh Dave	+ 15 yrs	Diploma in Mechanical	Asst. Manager	Mr. Ritesh Patel	+ 20 Yrs	Bsc. Chemistry	Sr. Executive	Mr. Punit Patel	+ 10 yrs	Bsc. Chemistry, Post Diploma in industrial safety	Sr. Executive	Mr. Harsh Bhavsar	+ 10 yrs	Bsc. Chemistry, Post Diploma in industrial safety	Sr. Executive	Mr. Amrish Prajapati	+10 Yrs.	BE Chemical + Post Diploma in Industrial Safety.	Sr. Officer	Shift Officer ( 08 Nos)	+ 10 Yrs.	Bsc. Chemistry	Maintenance Engg.	Shift Engg. ( 02 Nos)	+ 03 Nos.	B.E. Mechanical	Officer	Shift male Nurse ( 04 Nos)	+ 5 Yrs.	General Nursing	Operator	Shift Operator (19 Nos)	+ 10 Yrs.	I.T.I or 12 Pass	Technician	Shift Technician	+ 10 Yrs.	I.T.I.
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**M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20**

	EHS Organ gram Attached As <u>Annexure -8</u>	
xii	As proposed the company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for Environment Management / Pollution Control measures shall not be diverted for any other purpose.	Sufficient fund earmarked and used to implement Environment management /pollution control measures as stipulated in conditions. The environmental funds expenditure is approximately Rs. 22.00 lacs
xiii	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zillaparisad / Municipal Corporation, Urban local body and the local NGO, if any, from who suggestions / representations, if any, were received while processing the proposal.	We have intimated about grant of EC to concern authorities like panchayat /zila parishad/Municipal corporation.
	 <p>મહોડા ગ્રામ પંચાયત ગુ.પી,મહોડા, તા.સાણંદ, જી.ભરૂચ. સરનામું : પંચાયતના પુનરાગત ઓફીસ (મી)૯૮૨૪૭૦૮૫૫૨ તા.૩-૧૦-૨૦૨૦</p> <p>આજના મહોડા ગ્રામ પંચાયતના કાર્યાલયમાંથી તા. ૩-૧૦-૨૦૨૦ના રોજ મહોડા ગ્રામ પંચાયતના પરિવહન(ગ્રામીણ) અને વહીવટી કાર્યાલયના મહેલ ની જોડી ડાખી અમલે મળેલ છે.</p> <p><i>(Signature)</i> મહેલ ની જોડી ડાખી અમલે મળેલ છે.</p>	

**M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period May'20 to Oct'20**

xiv	The project proponent shall also submit six monthly reports on the status of Compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by E-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six monthly compliance shall be posted on the website of the company.	We are regularly submitting the six month reports on the status of compliance to respective regional office of MOEF /GPCB.
xv	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MOEF by E-mail.	<p>The company is submitted environmental statement in Gujarat pollution Control Board Xgn. For each financial year ending 31<sup>st</sup> march in Form – V as prescribed under the Environment (Protection) Rules, 1986.</p> <p>Copy of Form V submitted to GPCB for the year 2019 - 20 , is attached for your ready reference as <b><u>Annexure-9</u></b></p>
xvi	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/ Committee and may also be seen at website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a> This shall be advertised within 7 days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	EC file no. J-11011/493/2009-IA II(I) issued by MoEF on year - 2011 .After receiving the EC advertisement for granted EC has been given in English News Paper & Gujarati Newspaper and also inform to ministry about advertisement through letter..
xvii	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Same are informing to concern regional office as well as Ministry.



Unit is certified of ISO 14001-2015 & ISO 45001 -2018 from Bureau veritas , Certificate No: IND. 1912104 U/E/HS version 1. Validity of certificate 28 March 2022.



**INTAS PHARMACEUTICALS LTD.**

PLOT NO. 457/458, GARKHEJ - BAVLA HIGHWAY,  
MATODA, TAL.: SANAND, AHMEDABAD – 382 210, GUJARAT, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System standards detailed below.

Standards

**ISO 14001:2015 & ISO 45001:2018**

Scope of certification

1. MANUFACTURE AND DISPATCH OF FORMULATIONS OF TABLETS, CAPSULES, VIALS INCLUDING LYOPHILLISED INJECTIONS, AMPOULES & OINTMENTS
2. MANUFACTURE AND DISPATCH OF ACTIVE PHARMACEUTICAL INGREDIENTS (API)

Original cycle start date For EMS: 29 March 2013  
Original cycle start date For OHSM: 29 March 2013  
Expiry date of previous cycle For EMS: 28 March 2019  
Expiry date of previous cycle For OHSM: Not Applicable  
Recertification Audit date: 08 January 2019  
Recertification cycle start date: 29 March 2019  
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 28 March 2022  
Certificate No. IND.19.12104U/E/HS Version : 1 Revision date: 29 March 2019

  
Signed on behalf of BVCH SAS – UK Branch  
Jagdiveesh N. MANAN  
Head – CERTIFICATION, South Asia  
Commodities, Industry & Facilities Division

  
0008

Certification body address: 5th Floor, 55 Piccadilly Street, London, W1A 1BS, United Kingdom.  
Local office: Bureau Veritas (India) Private Limited (Certification Business)  
72 Business Park, Marol Industrial Area, MIDC Chhatrapati Shivaji Maharaj, Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.  
To check this certificate validity please call +91 22 8274 2002.

Annexure Details	
Annexure No.	Item Description
1 (A)	Eco care TSDF membership certificate
1(B)	Eco care TSDF Undertaking
2	Annual return form-IV
3	Process stack Monitoring Reports
4	Work area monitoring report form-37
5	Noise monitoring reports
6	CC & A Copy
7	Ambient air Monitoring Report
8	EHS Organ gram
9	Environment statement Form – V
10	Analysis report of Treated Effluent sample
11	Analysis report of ETP sludge Sample
12	Work area Air Monitoring report



## MEMBERSHIP CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that

**M/S. INTAS PHARMACEUTICALS LTD**

which is situated at

Plot No-457-458, Matoda-Bavla Road,  
Village-Matoda, Tal-Sanand, Dist-Ahmedabad-382210

is member of

**M/S. ECO CARE INFRASTRUCTURES PVT. LTD.**

for Treatment, Storage and Disposal Facility (TSDF).

Situated at Survey No. 127, Village: Ghaspur,

Tal.: Dasada, Dist.: Surendranagar.

This membership is valid for a period of 3 years.

**Membership No. : ECIPL-213**

**Membership Renewal Date : 06-01-2020**

**Membership Expired on : 31-01-2023**

**FOR, ECO CARE INFRASTRUCTURES PVT. LTD.**

*Deep P Patel*  
(MANAGING DIRECTOR)



UNDERTAKING

(On the Stamp Paper of Rs. 300/- with Notarized)

To,

**EcoCARE Infrastructures Private Limited**

Survey No. -127,

Village :Ghaspur,

Ta.: Dasada,

Dist.: Surendranagar-382765

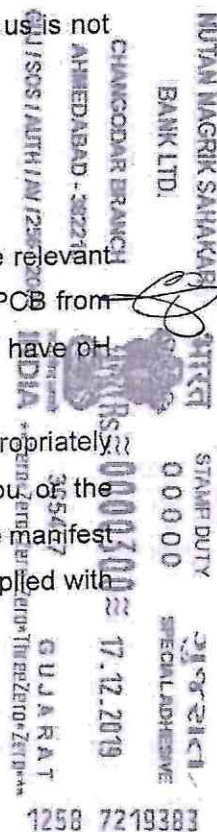
We, INTAS PHARMACEUTICALS LIMITED.

Situated at Plot No - 457, 458, MATODA, BAVLA HIGHWAY is interested to become a member of Treatment, Storage and Disposal Facility (TSDF), located at Survey No. 127, Village : Ghaspur for the disposal of solid waste generated from our unit. We are enclosing a DD No. \_\_\_\_\_ dated \_\_\_\_\_ Name of the Bank \_\_\_\_\_ for Rs. \_\_\_\_\_ Rs. in Word \_\_\_\_\_ towards the Membership Fees in favor of **EcoCARE Infrastructures Private Limited**, TSDF at Ghaspur together with Membership form duly filled, signed and stamped along with necessary enclosures.

We understand that our membership fees is applicable for the utilization for the disposal of the solid waste for a period of 3 years and we further understand that the fees paid by us is not refundable and non-transferable under any circumstances.

We hereby undertake that

1. The solid waste sent by us for dumping into TSDF will be in compliance with the relevant environmental laws and the rules/regulations/guidelines prescribed by CPCB/GPCB from time to time. The solid waste will not contain moisture in excess of 20% and will have pH between 6.5 to 8.5.
2. We will send the solid waste by the vehicle duly registered, covered and appropriately secured in accordance with the prevailing procedure, if any, specified by you or the concerned authority to prevent dusting, spillage and environmental nuisance. The manifest system prescribed under Hazardous Waste Management Rules will be fully complied with while transporting solid waste to the TSDF.
3. We will not send the recyclable/reusable solid waste for dumping.



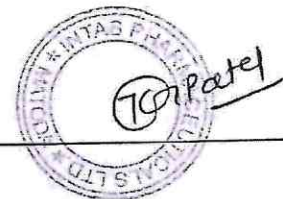
4. We understand and agree that **"EcoCARE Infrastructures Private Limited"** a company, a TSDP Provider, will have no liability towards the accident, if any, which may take place during loading, transporting, unloading, dumping, handling etc. of the solid waste and for the loss, damage etc. occurred to the vehicles and injuries to the persons involved in the handling of such waste and it will be totally at our sole risk and we will be responsible to compensate the same and meet with all statutory liabilities arising therefrom.
5. We will make advance payment for dumping of solid waste. We will make payment of the bills raised for dumping charges within seven days falling which **"EcoCARE Infrastructures Private Limited"** will having right to stop the acceptance of solid waste and continuation of associated services and use of facilities.
6. It shall be our responsibility to comply with all applicable statutory provisions / liabilities inter alia RTO Rules and Regulations.
7. Whenever a comprehensive report about handling of solid waste is required by GPCB, the charges shall be borne by us.
8. We agree to abide by the terms and conditions and payment charges as may be prescribed by the **"EcoCARE Infrastructures Private Limited"** from time to time.
9. We understand that the Membership granted is subject to GPCB/CPCB Rules and Regulations.
10. It is agreed that we will inform to **"EcoCARE Infrastructures Private Limited"** and GPCB, whenever, we will become member of any other TSDP provider, and will comply with the rules/regulations/guidelines specified by you and /or CPCB/GPCB in this regards.
11. It is agreed that no party of this agreement shall be responsible for any failure or delay on its part in performing any of its obligations or for any loss or damage, costs, charges and expenses incurred or suffered by the other party by reason of such failure of default or delay caused due to any force majeure conditions, acts of Gods, Laws and Rules & Regulations of Government strikes, Lock-outs, riots, violence, war or any other cause beyond its control.
12. Subject to Ahmadabad jurisdiction only.

Place: INTAS , MATODA

Date:

Kaupesh M. Patel  
Manager - EHS

Name and designation of Person Signing



Signature with seal of Unit



**FORM 4**  
[ See rule 5(6) and 22(2)]

**FORM FOR FILING ANNUAL RETURNS  
BY THE OCCUPIER OR OPERATOR OF FACILITY**

(To be submitted by occupier/operator of disposal facility to State Pollution Control Board/Pollution Control Committee by 30<sup>th</sup> June of every year for the preceding period April to March)

(For the period 01-04-2019 to 31-03-2020)

1.	Name and Address of the generator / operator of facility	:	Intas Pharmaceuticals Limited, Plot No. 191, Village: Chacharwadi. Sarkhej – Bavla Highway , Ta : Sanand. District: Ahmedabad. .														
2.	Name of the Authorized person and full address with telephone and fax number:	:	Intas Pharmaceuticals Limited, Plot No. 191, Village: Chacharwadi. Sarkhej – Bavla Highway, Ta : Sanand. District: Ahmedabad. Telephone No: 02717661125.														
3.	Description of hazardous waste	:	<table border="1"> <thead> <tr> <th>Physical form with description</th> <th>Chemical form</th> </tr> </thead> <tbody> <tr> <td>ETP sludge</td> <td>Semisolid / Cake</td> </tr> <tr> <td>Incinerator Ash</td> <td>Powder</td> </tr> <tr> <td>Used Oil-Oily matter</td> <td>Liquid</td> </tr> <tr> <td>Discarded Container</td> <td>Drum / Plastic Tank</td> </tr> <tr> <td>Off specification Drugs</td> <td>Solid / Liquid</td> </tr> <tr> <td>Process Residue</td> <td>Semi Liquid</td> </tr> </tbody> </table>	Physical form with description	Chemical form	ETP sludge	Semisolid / Cake	Incinerator Ash	Powder	Used Oil-Oily matter	Liquid	Discarded Container	Drum / Plastic Tank	Off specification Drugs	Solid / Liquid	Process Residue	Semi Liquid
Physical form with description	Chemical form																
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Incinerator Ash	Powder																
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Discarded Container	Drum / Plastic Tank																
Off specification Drugs	Solid / Liquid																
Process Residue	Semi Liquid																
4.	Quantity of hazardous wastes (in MTA):	:	<table border="1"> <thead> <tr> <th>Type of hazardous waste</th> <th>Quantity(in Tones/KL)</th> </tr> </thead> <tbody> <tr> <td>ETP sludge (Category 35.3)</td> <td>10 MT</td> </tr> <tr> <td>Incinerator Ash (Category 37.2)</td> <td>Nil</td> </tr> <tr> <td>Used Oil-Oily matter (Category 5.1)</td> <td>Nil</td> </tr> <tr> <td>Discarded Container (Category 33.1)</td> <td>Nil</td> </tr> <tr> <td>Off specification Drugs(Category 28.4)</td> <td>Nil</td> </tr> <tr> <td>Process Residue (Category 28.1)</td> <td>8.382 MT</td> </tr> </tbody> </table>	Type of hazardous waste	Quantity(in Tones/KL)	ETP sludge (Category 35.3)	10 MT	Incinerator Ash (Category 37.2)	Nil	Used Oil-Oily matter (Category 5.1)	Nil	Discarded Container (Category 33.1)	Nil	Off specification Drugs(Category 28.4)	Nil	Process Residue (Category 28.1)	8.382 MT
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Off specification Drugs(Category 28.4)	Nil																
Process Residue (Category 28.1)	8.382 MT																
5.	Description of Storage	:	ETP sludge are filled into Jute bags and stored into isolated storage area.														
6.	Description of Treatment	:	Not Applicable														




**FORM 4**  
[ See rule 5(6) and 22(2)]

**FORM FOR FILING ANNUAL RETURNS  
BY THE OCCUPIER OR OPERATOR OF FACILITY**

7.	Details of transportation	:	Name & Address of consignee	Mode of packing	Mode of transportation	Date of transportation
8.	Details of disposal of hazardous waste	:	Name & Address of consignee	Mode of packing	Mode of transportation	Date of transportation
9.	Quantity of useful materials sent back to the manufacturers* and others #	:	Name and type of material sent back to	Quantity in Metric Tons/KL		
			Manufacturers*	Not Application		
			Others*	Not Application		

\* Delete whichever is not applicable  
# enclose list of the agencies

Date: 06/05/20  
Place: Chacharawadi,

  
Signature: Sandeep Shah  
Designation: Sr. V.P. – Mfg.

DynamicPDF



**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525 E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/030

Date : 26-05-2020

**SCRUBBER SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 21-05-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 45 AM
SAMPLING LOCATION	: Vent attached to HCl scrubber of wing - 1.	

**GAS CONCENTRATION DATA**

Sampling Duration ( min.)	30.00
Vacuum Gauge Reading (mm. of Hg.)	0.00
Gas flow-rate ( litres per min.)	5.00
Volume of Gas Sampled at STP Conditions ( cu. mt.)	0.15

**RESULTS**

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm <sup>3</sup>	mg/Nm <sup>3</sup>
Hydrochloric Acid (HCl)	8.33	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO <sub>2</sub> )	Nil	40.00
Oxides of Nitrogen (NO <sub>x</sub> )	Nil	25.00
Ammonia	Nil	175.00
H <sub>2</sub> S	Nil	45.00
CS <sub>2</sub>	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	Nil	45.00
Mercaptan	Nil	0.5 (by volume)

Note : STP conditions have been taken as 25° C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525, E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/031

Date : 26-05-2020

**SCRUBBER SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 21-05-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 12 : 25 PM
SAMPLING LOCATION	: Vent attached to HCl scrubber of wing - 2.	

**GAS CONCENTRATION DATA**

Sampling Duration ( min.)	30.00
Vacuum Gauge Reading (mm. of Hg.)	0.00
Gas flow-rate ( litres per min.)	5.00
Volume of Gas Sampled at STP Conditions ( cu. mt.)	0.15

**RESULTS**

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm <sup>3</sup>	mg/Nm <sup>3</sup>
Hydrochloric Acid (HCl)	10.66	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO <sub>2</sub> )	Nil	40.00
Oxides of Nitrogen (NO <sub>x</sub> )	Nil	25.00
Ammonia	Nil	175.00
H <sub>2</sub> S	Nil	45.00
CS <sub>2</sub>	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	Nil	45.00
Mercaptan	Nil	0.5 (by volume)

Note : STP conditions have been taken as 25°C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,



(Analyst)

FOR AKSHAR CONSULTANTS,



(Authorised Signatory)

...with a commitment to your growth and well-being.





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CONSULTANTS

THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525 E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/032

Date : 26-05-2020

**SCRUBBER SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 21-05-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 00 PM
SAMPLING LOCATION	: Vent attached to Solvent Vapour scrubber of wing - I.	

**GAS CONCENTRATION DATA**

Sampling Duration ( min.)	30.00
Vacuum Gauge Reading (mm. of Hg.)	0.00
Gas flow-rate ( litres per min.)	5.00
Volume of Gas Sampled at STP Conditions ( cu. mt.)	0.15

**RESULTS**

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm <sup>3</sup>	mg/Nm <sup>3</sup>
Hydrochloric Acid (HCl)	Nil	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO <sub>2</sub> )	Nil	40.00
Oxides of Nitrogen (NO <sub>x</sub> )	Nil	25.00
Ammonia	Nil	175.00
H <sub>2</sub> S	Nil	45.00
CS <sub>2</sub>	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	4.85	45.00
Mercaptan	Nil	0.5 (by volume)


Note : STP conditions have been taken as 25°C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,



(Analyst)

FOR AKSHAR CONSULTANTS,



(Authorised Signatory)

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Ahmedabad - 380 006. Tel. : (079) 26583525, E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/033

Date : 26-05-2020

**SCRUBBER SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 21-05-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 45 PM
SAMPLING LOCATION	: Vent attached to Solvent Vapour scrubber of wing - 2.	

**GAS CONCENTRATION DATA**

Sampling Duration ( min.)	30.00
Vacuum Gauge Reading (mm. of Hg.)	0.00
Gas flow-rate ( litres per min.)	5.00
Volume of Gas Sampled at STP Conditions ( cu. mt.)	0.15

**RESULTS**

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm <sup>3</sup>	mg/Nm <sup>3</sup>
Hydrochloric Acid (HCl)	Nil	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO <sub>2</sub> )	Nil	40.00
Oxides of Nitrogen (NO <sub>x</sub> )	Nil	25.00
Ammonia	Nil	175.00
H <sub>2</sub> S	Nil	45.00
CS <sub>2</sub>	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	5.30	45.00
Mercaptan	Nil	0.5 (by volume)

Note : STP conditions have been taken as 25°C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,



(Analyst)

FOR AKSHAR CONSULTANTS,



(Authorised Signatory)



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Report No. : AC/AIR/20-21/178

Date : 08-08-2020

**SCRUBBER SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 00 AM
SAMPLING LOCATION	: Vent attached to HCl scrubber of wing - I.	

**GAS CONCENTRATION DATA**

Sampling Duration ( min.)	30.00
Vacuum Gauge Reading (mm. of Hg.)	0.00
Gas flow-rate ( litres per min.)	5.00
Volume of Gas Sampled at STP Conditions ( cu. mt.)	0.15

**RESULTS**

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm <sup>3</sup>	mg/Nm <sup>3</sup>
Hydrochloric Acid (HCl)	9.11	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO <sub>2</sub> )	Nil	40.00
Oxides of Nitrogen (NO <sub>x</sub> )	Nil	25.00
Ammonia	Nil	175.00
H <sub>2</sub> S	Nil	45.00
CS <sub>2</sub>	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	Nil	45.00
Mercaptan	Nil	0.5 (by volume)

Note : STP conditions have been taken as 25°C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,

( Analyst )

FOR AKSHAR CONSULTANTS,

( Authorised Signatory )





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1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525, E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/179

Date : 08-08-2020

**SCRUBBER SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 50 AM
SAMPLING LOCATION	: Vent attached to HCl scrubber of wing - 2.	

**GAS CONCENTRATION DATA**

Sampling Duration ( min.)	30.00
Vaccum Gauge Reading (mm. of Hg.)	0.00
Gas flow-rate ( litres per min.)	5.00
Volume of Gas Sampled at STP Conditions ( cu. mt.)	0.15

**RESULTS**

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm <sup>3</sup>	mg/Nm <sup>3</sup>
Hydrochloric Acid (HCl)	12.05	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO <sub>2</sub> )	Nil	40.00
Oxides of Nitrogen (NO <sub>x</sub> )	Nil	25.00
Ammonia	Nil	175.00
H <sub>2</sub> S	Nil	45.00
CS <sub>2</sub>	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	Nil	45.00
Mercaptan	Nil	0.5 (by volume)

Note : STP conditions have been taken as 25°C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,

( Analyst )

FOR AKSHAR CONSULTANTS,

( Authorised Signatory )



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Report No. : AC/AIR/20-21/180

Date : 08-08-2020

**SCRUBBER SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 20 PM
SAMPLING LOCATION	: Vent attached to Solvent Vapour scrubber of wing - 1.	

**GAS CONCENTRATION DATA**

Sampling Duration ( min.)	30.00
Vaccum Gauge Reading (mm. of Hg.)	0.00
Gas flow-rate ( litres per min.)	5.00
Volume of Gas Sampled at STP Conditions ( cu. mt.)	0.15

**RESULTS**

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm <sup>3</sup>	mg/Nm <sup>3</sup>
Hydrochloric Acid (HCl)	Nil	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO <sub>2</sub> )	Nil	40.00
Oxides of Nitrogen (NO <sub>x</sub> )	Nil	25.00
Ammonia	Nil	175.00
H <sub>2</sub> S	Nil	45.00
CS <sub>2</sub>	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	4.70	45.00
Mercaptan	Nil	0.5 (by volume)

Note : STP conditions have been taken as 25°C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,

( Analyst )

FOR AKSHAR CONSULTANTS,

( Authorised Signatory )

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Ahmedabad - 380 006. Tel. : (079) 26583525, E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/181

Date : 08-08-2020

**SCRUBBER SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 02 : 00 PM
SAMPLING LOCATION	: Vent attached to Solvent Vapour scrubber of wing - 2.	

**GAS CONCENTRATION DATA**

Sampling Duration ( min.)	30.00
Vacuum Gauge Reading (mm. of Hg.)	0.00
Gas flow-rate ( litres per min.)	5.00
Volume of Gas Sampled at STP Conditions ( cu. mt.)	0.15

**RESULTS**

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm <sup>3</sup>	mg/Nm <sup>3</sup>
Hydrochloric Acid (HCl)	Nil	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO <sub>2</sub> )	Nil	40.00
Oxides of Nitrogen (NO <sub>x</sub> )	Nil	25.00
Ammonia	Nil	175.00
H <sub>2</sub> S	Nil	45.00
CS <sub>2</sub>	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	5.55	45.00
Mercaptan	Nil	0.5 (by volume)

Note : STP conditions have been taken as 25°C & 760 mm of Hg atmospheric pressure.

ANALYSED BY,



(Analyst)

FOR AKSHAR CONSULTANTS,



(Authorised Signatory)

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## FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).

Name of the Department / Plant: - M/s. Intas Pharmaceuticals Ltd.  
 Plot No. 457-458,191, Sarkhej-Bavla Road  
 Raw materials, by-products and finished products involved in the process.


Date of Monitoring: 29.10.2020

Date of Report: 02.11.2020

## 1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In $\text{mg}/\text{m}^3$	TWA concentration (As given In second Schedule in $\text{mg}/\text{m}^3$ )	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)	
				Number of samples	Range In $\text{mg}/\text{m}^3$								
	1	2	3	4	5	6	7	8	9	10	11	12	
1	Ware House (Passage) API	PM 2.5	Fine Dust Sampler	1	12.57 $\mu\text{g}/\text{m}^3$	10.57 $\mu\text{g}/\text{m}^3$	40 $\mu\text{g}/\text{m}^3$	Standard Method	04	--	Mitul Patel	VISHAL PATEL	
		PM 10			26.73 $\mu\text{g}/\text{m}^3$	26.73 $\mu\text{g}/\text{m}^3$	60 $\mu\text{g}/\text{m}^3$						
		SO <sub>2</sub>			BDL	BDL	50 $\mu\text{g}/\text{m}^3$						
		NO <sub>2</sub>	Gaseous Air Sampler		BDL	BDL	40 $\mu\text{g}/\text{m}^3$						
		Ammonia (NH <sub>3</sub> )			3.97 $\mu\text{g}/\text{m}^3$	3.97 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$						
		Stanic Chloride			BDL	BDL	--						
		Methilline Di Chloride			BDL	BDL	15 ppm						

Note: BDL= Below Detectable Limit



Note: BDL = Below Detectable Limit

VISHAL PATEL

COMPETENT PERSON DECLARED BY DIRECTOR

INDUSTRIAL SAFETY &amp; HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521/2015

**FORM NO. 37**  
(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).

Name of the Department / Plant: - M/s. Intas Pharmaceuticals Ltd.  
Plot No. 457-458,191, Sarkhej-Bavla Road  
Raw materials, by-products and finished products involved in the process.

Date of Monitoring: 29.10.2020

Date of Report: 02.11.2020

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m <sup>3</sup>	TWA concentration (As given In second Schedule in mg/m <sup>3</sup> )	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
				Number of samples	Range In mg/m <sup>3</sup>							
	1	2	3	4	5	6	7	8	9	10	11	12
1	Ware House (Chemical Storage) API	PM 2.5	Fine Dust Sampler	1	10.82 µg/ m <sup>3</sup>	10.82 µg/ m <sup>3</sup>	40 µg/ m <sup>3</sup>	Standard Method	03	--	Mitul Patel	VISHAL PATEL
		PM 10			22.46 µg/ m <sup>3</sup>	22.46 µg/ m <sup>3</sup>	60 µg/ m <sup>3</sup>					
		SO2			BDL	BDL	50 µg/ m <sup>3</sup>					
		NO2	Gaseous Air Sampler		BDL	BDL	40 µg/ m <sup>3</sup>					
		Ammonia (NH3)			2.10 µg/ m <sup>3</sup>	2.10 µg/ m <sup>3</sup>	100 µg/ m <sup>3</sup>					
		Stanic Chloride			BDL	BDL	--					
		Methiline Di Chloride			BDL	BDL	15 ppm					

Note: BDL= Below Detectable Limit

VISHAL PATEL  
COMPETENT PERSON DECLARED BY DIRECTOR  
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISI/CPT/A/0521/2015

## FORM NO. 37

(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).

Name of the Department / Plant: - M/s. Intas Pharmaceuticals Ltd.

Plot No. 457-458,191, Sarkhej-Bavla Road

Raw materials, by-products and finished products involved in the process.

Date of Monitoring: 29.10.2020

Date of Report: 02.11.2020

## 1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In $\text{mg}/\text{m}^3$	TWA concentration (As given in second Schedule in $\text{mg}/\text{m}^3$ )	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)	
				Number of samples	Range In $\text{mg}/\text{m}^3$								
	1	2	3	4	5	6	7	8	9	10	11	12	
1	Block B FF (Room-No.02)	PM 2.5	Fine Dust Sampler	1	16.75 $\mu\text{g}/\text{m}^3$	16.75 $\mu\text{g}/\text{m}^3$	40 $\mu\text{g}/\text{m}^3$	Standard Method	02	--	Mitul Patel	VISHAL PATEL	
		PM 10			30.13 $\mu\text{g}/\text{m}^3$	30.13 $\mu\text{g}/\text{m}^3$	60 $\mu\text{g}/\text{m}^3$						
		SO2			BDL	BDL	50 $\mu\text{g}/\text{m}^3$						
		NO2	Gaseous Air Samplers		1.46 $\mu\text{g}/\text{m}^3$	1.46 $\mu\text{g}/\text{m}^3$	40 $\mu\text{g}/\text{m}^3$						
		Methylene Di Chloride			BDL	BDL	15 ppm						
		N Butanol			BDL	BDL	50 ppm						
		Acetone			5.12 ppm	5.12 ppm	1000 ppm						

Note: BDL= Below Detectable Limit

Note: BDL = Below Detectable Limit

VISHAL PATEL

COMPETENT PERSON DECLARED BY DIRECTOR

INDUSTRIAL SAFETY &amp; HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521/2015



**FORM NO. 37**  
(Prescribed under Rule 12-B)

**Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).**

Name of the Department / Plant: - M/s. Intas Pharmaceuticals Ltd.  
Plot No. 457-458,191, Sarkhej-Bavla Road  
Raw materials, by-products and finished products involved in the process.

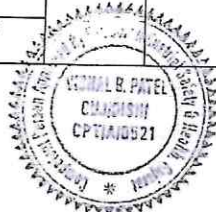
Date of Monitoring: 29.10.2020

Date of Report: 02.11.2020

**1. Particulars of sampling.**

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In $\text{mg}/\text{m}^3$	TWA concentration (As given in second Schedule in $\text{mg}/\text{m}^3$ )	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
				Number of samples	Range In $\text{mg}/\text{m}^3$							
1	Block B FF (Process Room-6)	PM 2.5	Fine Dust Sampler	1	10.23 $\mu\text{g}/\text{m}^3$	10.23 $\mu\text{g}/\text{m}^3$	40 $\mu\text{g}/\text{m}^3$	Standard Method	04	-	Mitul Patel	VISHAL PATEL
		PM 10			20.76 $\mu\text{g}/\text{m}^3$	20.76 $\mu\text{g}/\text{m}^3$	60 $\mu\text{g}/\text{m}^3$					
		SO <sub>2</sub>			BDL	BDL	50 $\mu\text{g}/\text{m}^3$					
		NO <sub>2</sub>			BDL	BDL	40 $\mu\text{g}/\text{m}^3$					
		Methiline Di Chloride	Gaseous Air Sampler		3.25 $\mu\text{g}/\text{m}^3$	3.25 $\mu\text{g}/\text{m}^3$	15 ppm					
		N. Butanol			BDL	BDL	50 ppm					

Note: BDL= Below Detectable Limit



VISHAL PATEL  
COMPETENT PERSON DECLARED BY DIRECTOR  
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521/2015

**FORM NO. 37**  
(Prescribed under Rule 12-B)

**Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).**

Name of the Department / Plant: - M/s. Intas Pharmaceuticals Ltd.  
Plot No. 457-458,191, Sarkhej-Bavlā Road  
Raw materials, by-products and finished products involved in the process.

Date of Monitoring: 30.10.2020

Date of Report: 02.11.2020

**1. Particulars of sampling.**

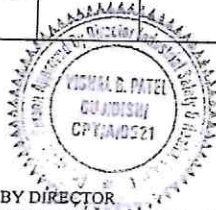
Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m <sup>3</sup>	TWA concentration (As given in second Schedule in mg/m <sup>3</sup> )	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
				Number of samples	Range In mg/m <sup>3</sup>							
1	API-Mfg. (Block C)	PM 2.5	Fine Dust Sampler	1	9.89 µg/m <sup>3</sup>	9.89 µg/m <sup>3</sup>	40 µg/m <sup>3</sup>	Standard Method	02	--	Mitul Patel	VISHAL PATEL
		PM 10			21.40 µg/m <sup>3</sup>	21.40 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>					
		SO <sub>2</sub>			BDL	BDL	50 µg/m <sup>3</sup>					
		NO <sub>2</sub>			BDL	BDL	40 µg/m <sup>3</sup>					
		Hexane			BDL	BDL	500 ppm					
		Acetone			5.94 ppm	5.94 ppm	1000 ppm					

Note: BDL = Below Detectable Limit

VISHAL PATEL

COMPETENT PERSON DECLARED BY DIRECTOR

INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521/2015



**FORM NO. 37**  
(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).


Name of the Department / Plant: - M/s. Intas Pharmaceuticals Ltd.  
Plot No. 457-458,191, Sarkhej-Bavla Road  
Raw materials, by-products and finished products involved in the process.

Date of Monitoring: 30.10.2020

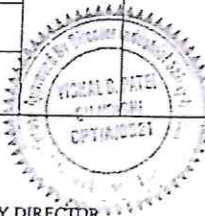
Date of Report: 02.11.2020

**1. Particulars of sampling.**

2. Particulars of sampling.												
Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In $\text{mg}/\text{m}^3$	TWA concentration (As given in second Schedule in $\text{mg}/\text{m}^3$ )	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
				Number of samples	Range In $\text{mg}/\text{m}^3$							
1	2	3	4	5	6	7	8	9	10	11	12	
1	Block C GF (Passage)	PM 2.5	Fine Dust Sampler	1	7.24 $\mu\text{g}/\text{m}^3$	7.24 $\mu\text{g}/\text{m}^3$	40 $\mu\text{g}/\text{m}^3$	Standard Method	01	-	Mitul Patel	VISHAL PATEL
		PM 10			16.75 $\mu\text{g}/\text{m}^3$	16.75 $\mu\text{g}/\text{m}^3$	60 $\mu\text{g}/\text{m}^3$					
		SO2			BDL	BDL	50 $\mu\text{g}/\text{m}^3$					
		NO2	Gaseous Air Sampler		BDL	BDL	40 $\mu\text{g}/\text{m}^3$					
		Methylene Di Chloride			3.10 ppm	3.10 ppm	15 ppm					
		Hexane			BDL	BDL	500 ppm					
		Acetone			2.56 ppm	2.56 ppm	1000 ppm					



Note: BDL= Below Detectable Limit



VISHAL PATEL  
COMPETENT PERSON DECLARED BY DIRECTOR  
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521/2015

Note: BDL= Below Detectable Limit

VISHAL PATEL  
COMPETENT PERSON DECLARED BY DIRECTOR  
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521/2015



**FORM NO. 37**  
(Prescribed under Rule 12-B)

**Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).**

Name of the Department / Plant: - M/s. Intas Pharmaceuticals Ltd.  
Plot No. 457-458,191, Sarkhej-Bavla Road  
Raw materials, by-products and finished products involved in the process.

Date of Monitoring: 30.10.2020

Date of Report: 02.11.2020

**1. Particulars of sampling.**

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m <sup>3</sup>	TWA concentration (As given In second Schedule In mg/m <sup>3</sup>	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
				Number of samples	Range In mg/m <sup>3</sup>							
	1	2	3	4	5	6	7	8	9	10	11	12
1	Block C FF (Passage)	PM 2.5	Fine Dust Sampler	1	7.54 µg/m <sup>3</sup>	7.54 µg/m <sup>3</sup>	40 µg/m <sup>3</sup>	Standard Method	02	-	Mitul Patel	VISHAL PATEL
		PM 10			16.46 µg/m <sup>3</sup>	16.46 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>					
		SO <sub>2</sub>			BDL	BDL	50 µg/m <sup>3</sup>					
		NO <sub>2</sub>	BDL		BDL	40 µg/m <sup>3</sup>						
		Acetic Acid	4.12 µg/m <sup>3</sup>		4.12 µg/m <sup>3</sup>	10 ppm						
		Hexane	BDL		BDL	500 ppm						
		Acetone	3.86 ppm		3.86 ppm	1000 ppm						

Note: BDL= Below Detectable Limit

VISHAL PATEL  
COMPETENT PERSON DECLARED BY DIRECTOR  
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521/2015

Note: BDL= Below Detectable Limit

VISHAL PATEL

COMPETENT PERSON DECLARED BY DIRECTOR

INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521/2015



**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525, E-mail : darshan.parekh@aksharconsultants.in

### INSTANTANEOUS NOISE LEVEL MONITORING REPORT

Name of Company : Intas Pharmaceuticals Ltd.

Address : Plot No. 191, Vil. : Chacharwadi-Vasna,  
Ta. : Sanand,  
Dist. : Ahmedabad.

Date : 21-05-2020

Sr. No.	LOCATIONS	AVERAGE READING ( dB )			
		01:00 PM to 01:25 PM (day time)	GPCB Limit (dB)	10:30 PM to 10:50 PM (night time)	GPCB Limit (dB)
01	Near main gate	63.3	75	52.7	70
02	Near ETP	73.7	75	66.4	70
03	Near Bore well	69.2	75	63.0	70
04	Near Electric Substation	72.9	75	65.7	70
05	Near Canteen	70.8	75	64.3	70
06	Near Utility Area	73.4	75	65.8	70
07	Near Ware House	72.8	75	64.9	70
08	Inside Production Area	73.3	75	65.5	70

Measured by,

( Analyst )

For AKSHAR CONSULTANTS,

( AUTHORISED SIGNATORY )

No/cana



**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525 E-mail : darshan.parekh@aksharconsultants.in

**INSTANTANEOUS NOISE LEVEL MONITORING REPORT**

Name of Company : Intas Pharmaceuticals Ltd.

Address : Plot No. 191, Vil. : Chacharwadi-Vasna,  
Ta. : Sanand,  
Dist. : Ahmedabad.

Date : 04-08-2020

Sr. No.	LOCATIONS	AVERAGE READING ( dB )			
		02:00 PM to 02:25 PM (day time)	GPCB Limit (dB)	11:00 PM to 11:20 PM (night time)	GPCB Limit (dB)
01	Near main gate	64.1	75	51.9	70
02	Near ETP	73.1	75	65.2	70
03	Near Bore well	68.6	75	62.7	70
04	Near Electric Substation	72.0	75	64.8	70
05	Near Canteen	69.9	75	62.4	70
06	Near Utility Area	72.2	75	63.7	70
07	Near Ware House	71.8	75	62.9	70
08	Inside Production Area	72.4	75	63.5	70

Measured by,

( Analyst )

For AKSHAR CONSULTANTS,

( AUTHORISED SIGNATORY )

Noicana





# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

BY RPAD

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974 under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 5(4) of the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 Framed under the Environmental (Protection) Act-1986

And whereas Board has received consolidated consent application No.132347 dated 23/01/2018 For the Renewal of Consolidated Consent and Authorization (CC & A) of his Board under the provisions/rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

## CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

To,  
M/S. INTAS PHARMACEUTICALS LTD,  
PLOT NO: 191,  
VILLAGE- CHACHARWADI-VASANA-382210  
TA: SANAND, DIST: AHMEDABAD.

1. Consent Order No.: AWH-91538 date of Issue: 28/02/2018.

1.1 The consents shall be valid up to 11/02/2023 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products

Sr. No.	Product	Quantity
1	Pargabaline	150 kg/Month
2	Paclitaxel	2.5 Kg/Month
3	Isotretinoin Fumarate	50 Kg/Month
4	Trazadone Hydrochloride	233.34 Kg/Month
5	Lacosamide	58.34 Kg/Month
6	Dabigatran	83.34 Kg/Month
7	Linezolid	83.34 Kg/Month
8	Etoricoxib	83.34 Kg/Month
9	Rivaroxaban	16.67 Kg/Month
10	Eletriptan Hydrobromide	16.67 Kg/Month
11	Dronaderon	166.67 Kg/Month
12	Choline Fenofibrate	83.34 Kg/Month
13	Prasugrel Hydrochloride	8.34 Kg/Month
14	Recovered Solvent (By Product)	83 MT/Month

Specific Condition: 1. You shall strictly comply with all the condition of E.C. (F.No. J-11011/493/2009-IALL (I) dt. 25-8-2011)

2. You shall strictly adhere to the undertaking submitted dated 30/03/2015

## 2. CONDITION UNDER THE WATER ACT

2.1 The water consumption and waste water generation shall be as under.

	Water Consumption	Waste water generation
Industrial	39.5 KL/Day	14.65 KL/Day
Domestic	6.5 KL/Day	5 KL/Day

2.2 The quantity of trade effluent from the industrial plant shall not exceed 14.65 KL/Day.

2.3 Industrial effluent shall be segregated in to High COD & LOW COD effluent streams. High COD effluent streams (5.5 KL/Day) shall be treated in MEE. Low COD effluent streams 14.15 KL/Day shall be treated in P+S effluent treatment plant

The quantity of sewage effluent from the industrial plant shall not exceed 5 KL/Day

**Clean Gujarat Green Gujarat**

ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation

Outward No: 48937/2018

*[Signature]*

- 2.4 The applicant shall provide adequate effluent treatment system in order to achieve the quality of the treated effluent as per GPCB Norms

PARAMETERS	GPCB NORMS
pH	6.5 to 8.5
Temperature	40 C
Color (Pt Co scale)	100 Units
Suspended solids	100 mg/l
Oil & Grease	10 mg/l
Phenolic Compounds	01 mg/l
Cyanides	0.2 mg/l
Fluorides	2 mg/l
Sulphides	2 mg/l
Ammonical Nitrogen	50 mg/l
BOD (5 days at 20 c)	30 mg/l
COD	100 mg/l
Chlorides	600 mg/l
Sulphates	1000 mg/l
Total dissolved solids	2100 mg/l
Sodium absorption ratio	26
Percent sodium	60%
Sodium absorption ratio	26

- All efforts shall be made to remove colour & unpleasant odour as far as practicable
- 2.5 The final treated effluent conforming to the above standards shall be further taken to NANO & RO system and shall be utilized to recycle & reuse within plant premises (i.e. ZERO discharge) and there shall be no discharge of waste water outside by any means.
- 2.6 All the effluent treatment units shall be operated and maintained efficiently so that the treated effluent always conforms to the specifications referred in condition no 2.4 above.
- 2.7 Domestic effluent shall be disposed of through septic tank/soak pit system

### 3. CONDITIONS UNDER THE AIR ACT:

- 3.1 The following shall be used as fuel

Sr. No.	Fuel	Quantity
1	HSD	1 KL/Month

- 3.2 The applicant shall install & operate air pollution control system in order to achieve norms prescribed below

- 3.3 The flue gas emission through stack shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	DG Set 650 kVA	12 Meter	---	Particulate Matter	150 mg/NM <sup>3</sup>
				SO <sub>2</sub>	100 ppm
				NO <sub>x</sub>	50 ppm

- 3.4 The process emission through stack shall conform to the following standards.

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	HCl Scrubber No 1&2	15 Meter	Packed Column Scrubber Consisting Of	SO <sub>2</sub>	40 mg/NM <sup>3</sup>
	Solvent Vapour	15 Meter	Ventury Scrubber Followed By Alkali Scrubber	NO <sub>x</sub>	25 mg/NM <sup>3</sup>
	Scrubber No 1&2			HCL	20 mg/NM <sup>3</sup>

Outward No: 448937, 16/03/2018

*[Signature]*





# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

- 3.5 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder

PARAMETERS	PERMISSIBLE LIMIT	PERMISSIBLE LIMIT
	Annual	24 hrs. Average
Particulate Matter $\mu$	60 Microgram/ $\text{NM}^3$	100 Microgram/ $\text{M}^3$
Particulate Matter $\mu$	40 Microgram/ $\text{NM}^3$	60 Microgram/ $\text{M}^3$
$\text{SO}_2$	50 Microgram/ $\text{NM}^3$	80 Microgram/ $\text{M}^3$
$\text{NO}_x$	40 Microgram/ $\text{NM}^3$	80 Microgram/ $\text{M}^3$

- 3.6 The applicant shall install & operate air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified in condition No. 3.3 & 3.5 above.

- 3.7 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified in the condition No.3.3 & 3.5 above

- 3.8 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of board's staff. Numbers such as S-1, S-2, etc. Shall design the chimney(s) vents attached to various sources of emission and these shall be painted/displayed to facility identification.

- 3.9 The industry shall take adequate measures for control of noise levels from its own sources within the Premises so as to maintain ambient air quality standards in respect of noise to less than 75db (a) during day time and 70db (A) during night time. Daytime is reckoned in between 6am. And 10am p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

## 4 GENERAL CONDITIONS

- 4.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board

- 4.2 Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, Concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body. In case of failure of pollution control equipment, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.

- 4.3 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act

- 4.4 In case of change of ownership/management the name and address of the new owners/partners/directors/ proprietor should immediately be intimated to the Board.

## 5. HAZARDOUS AND OTHER WASTES (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES, 2016 Form -2(See Rule 6(2))

- 5.1 Form for grant of authorization for occupier or operator handling hazardous waste.

- 5.2 M/s. INTAS PHARMACEUTICALS LTD, is hereby granted an authorization to operate facility For following Hazardous wastes on the premises situated at PLOT NO: 191,VILLAGE- CHACHARWADI-VASANA, - 382210, TA: SANAND, DIST: AHMEDABAD.

Sr. No	Type of waste	category	Quantity	Facility
1	ETP Sludge	35.3	2.40 MT/Year	Collections, Storage, Transportation, And Disposal At TSDF Of Eco Care Infrastructure, Surendranagar Or SEPPL Kutch.
2	Used oil	5.1	3 KL/Year	Collection, Disposal, Storage, Transportation And Disposal To Registered Recycler

Outward No. 448937/26/03/2018

**Clean Gujarat Green Gujarat**

ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation



3	Discarded Container	33.1	600 Nos/Year	Collections, Storage, Decontamination And Sale Or Sale To Authorized Decontamination Facility.
4	Solvent Residue	28.1	30 Ml/Year	Collections, Storage, Transportation and incineration at Own Incinerator/CHWIF or BEIL/SEPPL Kutch.
5	Spent Carbon/Hyflow/Sodium Sulphate Etc. From Process	28.3	15.5 Ml/Year	Collections, Storage, Transportation Incinerate At Own Incinerator Or CHWIF BEIL/SEPPL Kutch, OR Cement Ind. For Co-Processing
6	Off Specification Drugs	28.4	0.5 Ml/Year	Collections, Storage, Transportation & Incinerate At CHWIF of -BEIL/SEPPL Kutch,

- 5.3 The authorization is granted to operate a facility for collection, storage, transportation and ultimate disposal of Hazardous wastes as above
- 5.4 The authorization shall be in force for a period up to 11/02/2023
- 5.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

**6. TERMS AND CONDITIONS OF AUTHORISATION**

- The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under
  - The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board. The persons authorized shall not rent, lend, sell, and transfer of otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
  - Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization
  - An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).
  - Industry shall have to manage waste oil, discarded containers etc as per Amended Rules-2003 and shall apply Authorization/submit details for all applicable waste as per Amended Rules-2003 with 15 days.
  - Industry shall submit annual report within 15 days and subsequently by 31st January every year.
- 7. General Conditions:**
- The waste generator shall be totally responsible for i.e. collection, storage, encapsulation, incineration, treatment, transportation and ultimate disposal of the wastes generated
  - Records of waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form - 4 by 30<sup>th</sup> June of every year.
  - In case of any accident, details of the same shall be submitted in Form - 5 to Gujarat Pollution Control Board.
  - As per "Public Liability Insurance Act - 91" company shall get Insurance Policy, if applicable.
  - Empty drums and containers of toxic and hazards material shall be treated as per guideline published for "Management & Handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
  - Unit shall take all concrete measures to show tangible results in waste generation, reduction, avoidance, reuse and recycle. Action taken in this regards shall be submitted within three months and also along with Form-4
  - Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Courts Order in W.P. No 657 of 1995-dated 14th October-2003

For and on behalf of  
GUJARAT POLLUTION CONTROL BOARD

  
26/3/18  
(Y. A. Tai)  
SENIOR ENVIRONMENTAL ENGINEER

NO: GPCB/ID-3777/CCA/ABD-GEN- 807(2)/

ISSUED TO:  
To,  
M/S. INTA PHARMACEUTICALS LTD,  
PLOT: 191,  
VILLAGE- CHACHARWADI-VASANA-382210  
TA/ANAND, DIST: AHMEDABAD.

Copy to: The Regional Officer, G.P.C. Board, Ahmedabad-Rural----- For information & Sampling



**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525 E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/035

Date : 26-05-2020

**AMBIENT AIR SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 21-05-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 00 AM
SAMPLING LOCATION	: In open space near main gate.	

**AMBIENT AIR QUALITY DATA**

( A ) 24 hourly observation :	
1. Duration of sampling	09 : 00 AM to 09 : 00 AM (21-05-'20) (22-05-'20)
2. Weight of PM <sub>10</sub> collected	1.946 mg.
3. Volume of Air sampled	22,880 Cubic meter
4. PM <sub>10</sub> concentration	<b>GPCB Limit</b> 85.05 µg / m <sup>3</sup> 100 µg/m <sup>3</sup>

ANALYSED BY,

( Analyst )

FOR AKSHAR CONSULTANTS,

( Authorised Signatory )



**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525, E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/034

Date : 26-05-2020

**AMBIENT AIR SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 21-05-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 00 AM
SAMPLING LOCATION	: In open space near main gate.	

**AMBIENT AIR QUALITY DATA**

<b>( A ) 24 hourly observation :</b>	
1. Duration of sampling	09 : 00 AM to 09 : 00 AM (21-05-'20) (22-05-'20)
2. Weight of PM <sub>2.5</sub> collected	1.040 mg.
3. Volume of Air sampled	22.955 Cubic meter
4. PM <sub>2.5</sub> concentration	<b>GPCB Limit</b> 45.31 µg / m <sup>3</sup> 60 µg/m <sup>3</sup>

**( B ) 24 hourly observation :**

Time : 09 : 00 AM to 09 : 00 AM  
(21-05-'20) (22-05-'20)

Volume of Air Sampled ( cu. mt. )	0.24	<b>GPCB Limit</b> µg/m <sup>3</sup>
Sulphur Di-oxide ( SO <sub>2</sub> ) ( ug/m <sup>3</sup> )	4.59	80.00
Nitrogen Di-oxide ( NO <sub>2</sub> ) ( ug/m <sup>3</sup> )	12.74	80.00

ANALYSED BY,

( Analyst )

FOR AKSHAR CONSULTANTS,

( Authorised Signatory )





**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525 E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/183

Date : 08-08-2020

**AMBIENT AIR SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 30 AM
SAMPLING LOCATION	: In open space opposite API Block – C.	

**AMBIENT AIR QUALITY DATA**

(A) 24 hourly observation :	
1. Duration of sampling	09 : 30 AM to 09 : 30 AM (04-08-'20) (05-08-'20)
2. Weight of PM <sub>10</sub> collected	2.032 mg.
3. Volume of Air sampled	22.950 Cubic meter
4. PM <sub>10</sub> concentration	88.54 µg / m <sup>3</sup> GPCB Limit 100 µg/m <sup>3</sup>

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525 E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/182

Date : 08-08-2020

**AMBIENT AIR SAMPLING ANALYSIS REPORT**

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 30 AM
SAMPLING LOCATION	: In open space opposite API Block - C.	

**AMBIENT AIR QUALITY DATA**

( A ) 24 hourly observation :	
1. Duration of sampling	09 : 30 AM to 09 : 30 AM (04-08-'20) (05-08-'20)
2. Weight of PM <sub>2.5</sub> collected	1.146 mg.
3. Volume of Air sampled	23.105 Cubic meter
4. PM <sub>2.5</sub> concentration	49.60 µg / m <sup>3</sup> GPCB Limit 60 µg/m <sup>3</sup>

( B ) 24 hourly observation :

Time : 09 : 30 AM to 09 : 30 AM  
(04-08-'20) (05-08-'20)

Volume of Air Sampled ( cu. mf. )	0.24	GPCB Limit µg/m <sup>3</sup>
Sulphur Di-oxide ( SO <sub>2</sub> ) ( ug/m <sup>3</sup> )	5.75	80.00
Nitrogen Di-oxide ( NO <sub>2</sub> ) ( ug/m <sup>3</sup> )	10.60	80.00

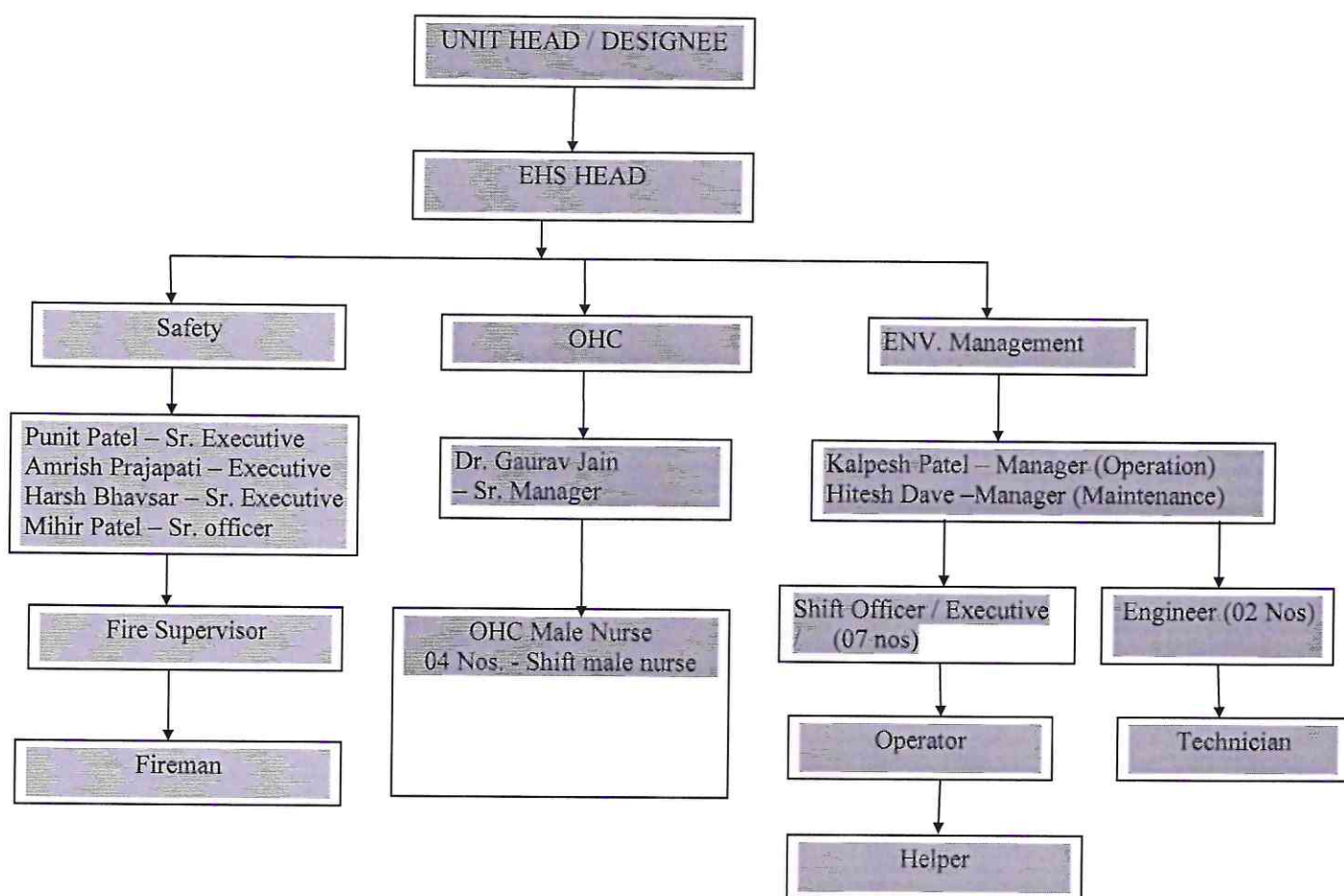
ANALYSED BY,

( Analyst )

FOR AKSHAR CONSULTANTS,

( Authorised Signatory )

## EHS Management Staff Organogram (Formulation & API)





FORM - V  
(See Rule 14)

From:

Intas Pharmaceuticals Limited  
Plot No. 191, Vill.: Chacharwadi, Taluka: Sanand.  
District: Ahmedabad

To,

Gujarat Pollution Control Board  
Sector 10-A,  
GANDHINAGAR 382 010ENVIRONMENTAL STATEMENT for the financial year ending the 31<sup>st</sup> March 2020.

## PART - A

- (i) Name and address of the owner/occupier of the industry operation or process : Mr. Kirti Maheshwari (Chief Technical Officer.)  
Plot No. 191, Vill.: Chacharwadi, Taluka: Sanand.  
District: Ahmedabad
- (ii) Industry Category - : Red / Large  
Primary - (STC Code) : Not Available  
Secondary - (STC Code)
- (iii) Production capacity Units :

SR.NO.	PRODUCT	QUANTITY/MONTH
01	Pregabalin	150 kg
02	Paclitaxel	2.5 kg
03	Festoterodine Fumarate	50 kg
04	Trazadone Hydrochloride	233.34 kg
05	Lacosamide	58.34 kg
06	Dabigatram	83.34 kg
07	Linezolid	83.34 kg
08	Etoricoxib	83.34 kg
09	Rivaroxaban	16.67 kg
10	Eletriptan Hydrobromide	16.67 kg
11	Dronaderon	166.67 kg
12	Choline Fenofibrate	83.34 kg
13	Prasugrel Hydrochloride	8.34 kg

Year of Establishment : 2012

- (v) Date of the last Environmental Statement submitted : June - 2019

- \* Submission of Environmental Statement is in accordance with the provisions of Rule – 14 of the Environment(Protection).Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published vide Notification dated 22-4-1993 G. S. R. 386 (E) in the Gazette of India – Extraordinary – Part – II Section 2 Subsection (i), No. 155 dated 28-4-1993 by the Ministry of Environment and Forests, Government of India; read with the Notification dated 13-2-1993 G.S.R. 329 (E) of the Gazette of India – Extraordinary Part – II section 3 Subsection (i) No. 120 Dated 13-3-1993.

“Every person carrying on an industry, operation or process requiring Consent under Section-25 of the water (Prevention & Control of Pollution) Act, 1974 (6 of 1974) or under Section-21 of the Air (prevention & Control of Pollution) Act, 1981 (14 of 1981) or both or authorization under the Hazardous Waste (Management and Handling) Rules, 1989 Published under the Environment (protection) Act, 1986 (29 of 1986) shall submit an Environmental Statement for the financial year ending the 31<sup>st</sup> March in Form V to the concerned State Pollution Control Board on or before the Thirtieth Day of September every year, beginning 1993.”

DynamicPDF

## PART – B

## Water and Raw Material Consumption

- (1) Water Consumption m<sup>3</sup>/day :
- Process : 11.5 m<sup>3</sup>/day
- Domestic : 5.0 m<sup>3</sup>/day

Name of Products		Process water consumption per unit of product output																													
		During the previous Financial year	During the current Financial Year																												
<table><tr><th>SR.NO.</th><th>PRODUCT</th></tr><tr><td>01</td><td>Pregabaline</td></tr><tr><td>02</td><td>Paclitaxel</td></tr><tr><td>03</td><td>Festoterodine Fumarate</td></tr><tr><td>04</td><td>Trazadone Hydrochloride</td></tr><tr><td>05</td><td>Lacosamide</td></tr><tr><td>06</td><td>Dabigatram</td></tr><tr><td>07</td><td>Linezoid</td></tr><tr><td>08</td><td>Etoricoxib</td></tr><tr><td>09</td><td>Rivaroxaban</td></tr><tr><td>10</td><td>Eletriptan Hydrobromide</td></tr><tr><td>11</td><td>Dronaderon</td></tr><tr><td>12</td><td>Chloline Fenofibrate</td></tr><tr><td>13</td><td>Prasugrel Hydrochloride</td></tr></table>		SR.NO.	PRODUCT	01	Pregabaline	02	Paclitaxel	03	Festoterodine Fumarate	04	Trazadone Hydrochloride	05	Lacosamide	06	Dabigatram	07	Linezoid	08	Etoricoxib	09	Rivaroxaban	10	Eletriptan Hydrobromide	11	Dronaderon	12	Chloline Fenofibrate	13	Prasugrel Hydrochloride	11.5 M3/Day	11.5 M3/Day
SR.NO.	PRODUCT																														
01	Pregabaline																														
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12	Chloline Fenofibrate																														
13	Prasugrel Hydrochloride																														

## (2) Raw Material Consumption

* Name of Raw Material	Name of Products	Consumption of raw material per unit of output	
		During the previous Financial year—	During the current Financial Year
As per Annexure -A			



\* Industry may use codes if disclosing detail of raw material could violate contractual obligation, otherwise all industries have to name the raw materials used

### PART C

Pollution discharged to environment/unit of output  
(Parameter as specified in the consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
( a ) Water			
pH	7.23	6.5 -9.0	No Deviation
BOD	0.08 kg/Day	10 mg/l	No Deviation
COD	0.29 kg/Day	50 mg/l	No Deviation
TSS	0.09 kg/Day	20 mg/l	No Deviation
( b ) Air (Ambient)			
PM 2.5	51.32	60 mg/NM3	No Deviation
PM 10	91.71	100 mg/NM3	No Deviation
SO2	7.32	80 mg/NM3	No Deviation
NOx	16.30	80 mg/NM3	No Deviation
( C ) Process Stack			
HCL	5.67	20 mg/NM3	No Deviation
Hydro Carbon	3.74	45 mg/NM3	No Deviation

### PART - D

#### HAZARDOUS WASTES

[As specified under Hazardous Wastes (Management and Handling) Rules, 1989]

Hazardous Wastes	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial Year
(a) From Process :		
(1) Process residue	Nil	8.382 MT
(2) Used oil	Nil	Nil
(3) Discarded container	Nil	Nil
(4) Off specification drugs	Nil	Nil
(b) From Pollution Control Facilities		
ETP Sludge (Wet Basis)	Approx. 51.122 MT	Approx. 10 MT

**PART – E**  
Solid wastes

	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial Year
(a) From Process	Not Applicable	
(b) From Pollution Control Facilities	Approx. 51,122 MT	Approx. 10 MT
(C).1. Quantity recycled or Re-utilized within the unit 2. Sold 3. Disposed / sold	Not Applicable	

### PART – F

Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- (1) ETP sludge is semi solid sludge
- (2) Used oil and Process residue are liquid spent material.

### PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

Cost of production increases due to pollution control measures.



**PART - H**

Additional measures/investment proposal for environmental protection including abatement of pollution/prevention of pollution.

None

**PART - I**

Any other particulars for improving the quality of the environment.

Forest area development work continue

(Signature of a person carrying out an industry operation or process)

Name : Sandeep Shah

Designation : Sr. V.P. - Mfg.

Address : Plot No. 191, Vill. Chacharwadi.  
Taluka: Sanand.  
District: Ahmedabad

Date : 06/05/20

Place : Chacharwadi


**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

 1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
 Ahmedabad - 380 006. Tel. : (079) 26583525, E-mail : darshan.parekh@aksharconsultants.in

Report No. AC/EFF/20-21/005

Date : 27-05-2020

 Intas Pharmaceuticals Ltd.,  
 Plot No. 191, Vil. : Chacharwadi-Vasna,  
 Ta. : Sanand, Dist. : Ahmedabad.

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

 Sample drawn by : AKSHAR CONSULTANTS.  
 Sample drawn date : 21-05-2020.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.29	6.5 to 8.5
2	Temperature	32.00	40 Deg. C
3	Colour (Pt-Co Unit)	10.00	100 units
4	Suspended Solids	8.00	100
5	Oil & Grease	Nil	10
6	Phenolic Compounds	Nil	1
7	Cyanides	N. D.*	0.2
8	Fluorides	Nil	1.5
9	Sulphides	N. D.*	0.5
10	Ammonical Nitrogen	1.60	50
11	Arsenic	N. D.*	0.2
12	Total Chromium	N. D.*	2.0
13	Hexavalent Chromium	N. D.*	0.1
14	Copper	N. D.*	2
15	Lead	N. D.*	0.1
16	Mercury	N. D.*	0.01
17	Nickel	N. D.*	3
18	Zink	N. D.*	5
19	Cadmium	N. D.*	2
20	BOD	N. D.*	30
21	COD	4.00	100
22	Chlorides	35.00	600
23	Sulphate	15.00	1000
24	Total Dissolved Solids	128.00	2100
25	Insecticides / Pesticides	Absent	Absent
26	Sodium absorption ratio (SAR)	5.10	26
27	Selenium	N. D.*	0.05
28	Boron	N. D.*	2
29	Total residual Chlorine	0.20	1
30	Percent Sodium	18.25	60
31	Bio - assay Test	90 % survival of fish after 96 hrs. in 100 % effluent	90 % survival of fish after 96 hrs. in 100 % effluent

Note : All Parameters except pH, temp., colour, SAR, % Sodium are expressed in mg/L.

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

Analysed By,

( Analyst )

For AKSHAR CONSULTANTS,

( AUTHORISED SIGNATORY )





**AKSHAR  
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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Ahmedabad - 380 006. Tel. : (079) 26563525, E-mail : darshan.parekh@aksharconsultants.in

Report No. AC/EFF/20-21/043

Date : 10-08-2020

Intas Pharmaceuticals Ltd.,  
Plot No. 191, Vil. : Chacharwadi-Vasna,  
Ta. : Sanand, Dist. : Ahmedabad.

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

Sample drawn by : AKSHAR CONSULTANTS.  
Sample drawn date : 04-08-2020.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	8.20	6.5 to 8.5
2	Temperature	32.00	40 Deg. C
3	Colour (Pt-Co Unit)	10.00	100 units
4	Suspended Solids	6.00	100
5	Oil & Grease	Nil	10
6	Phenolic Compounds	Nil	1
7	Cyanides	N. D.*	0.2
8	Fluorides	Nil	1.5
9	Sulphides	N. D.*	0.5
10	Ammonical Nitrogen	1.35	50
11	Arsenic	N. D.*	0.2
12	Total Chromium	N. D.*	2.0
13	Hexavalent Chromium	N. D.*	0.1
14	Copper	N. D.*	2
15	Lead	N. D.*	0.1
16	Mercury	N. D.*	0.01
17	Nickel	N. D.*	3
18	Zink	N. D.*	5
19	Cadmium	N. D.*	2
20	BOD	N. D.*	30
21	COD	4.00	100
22	Chlorides	24.00	600
23	Sulphate	13.00	1000
24	Total Dissolved Solids	107.00	2100
25	Insecticides / Pesticides	Absent	Absent
26	Sodium absorption ratio (SAR)	4.90	26
27	Selenium	N. D.*	0.05
28	Boron	N. D.*	2
29	Total residual Chlorine	0.20	1
30	Percent Sodium	18.60	60
31	Bio - assay Test	90 % survival of fish after 96 hrs. in 100 % effluent	90 % survival of fish after 96 hrs. in 100 % effluent

Note : All Parameters except pH, temp., colour, SAR, % Sodium are expressed in mg/L.  
N. D.\* : Not detected in mg/L.

Analysed By,

*[Signature]*

(Analyst)

For AKSHAR CONSULTANTS,

*[Signature]*

(AUTHORISED SIGNATORY)

...with a commitment to your growth and well-being.





**AKSHAR  
CONSULTANTS**

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Ref. No. AC/SOLID/20-21/003

Date : 27-05-2020

Intas Pharmaceuticals Ltd.,  
Plot No. 191, Vil. : Chacharwadi-Vasna,  
Ta. : Sanand, Dist. : Ahmedabad.

**Sub. : Analysis report of your ETP sludge sample.**

Source : Effluent Treatment Plant.  
Date of Receipt : 21-05-2020  
Sample drawn by : Akshar Consultants.  
Physical state : Dry sludge.

Sr. No.	Characteristics	Unit	Results
01	pH ( 10 % Solution )	----	7.28
02	Chemical Oxygen Demand ( COD )	gms/kg	18.60
03	Bio-chemical Oxygen Demand ( BOD )	gms/kg	6.08
04	Chlorides	gms/kg	28.60
05	Sulphate	gms/kg	24.11
06	Total Inorganic Solids at 550 Deg. C	gms/kg	774.05
07	Total Dissolved Solids	gms/kg	92.80
08	Total Hardness ( as CaCO <sub>3</sub> )	gms/kg	14.50
09	Calcium Hardness ( as CaCO <sub>3</sub> )	gms/kg	10.00
10	Magnesium Hardness ( as CaCO <sub>3</sub> )	gms/kg	4.50
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity ( as CaCO <sub>3</sub> )	gms/kg	2.91

N. D. \*: Not Detected in gms/kg.

Analysed By,

( Analyst )

For AKSHAR CONSULTANTS,

( AUTHORISED SIGNATORY )



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Ref. No. AC/SOLID/20-21/010

Date : 10-08-2020

Intas Pharmaceuticals Ltd.,  
Plot No. 191, Vil. : Chacharwadi-Vasna,  
Ta. : Sanand, Dist. : Ahmedabad.

**Sub. : Analysis report of your ETP sludge sample.**

Source : Effluent Treatment Plant.  
Date of Receipt : 04-08-2020  
Sample drawn by : **Akshar Consultants.**  
Physical state : Dry sludge.

Sr. No.	Characteristics	Unit	Results
01	pH ( 10 % Solution )	----	7.34
02	Chemical Oxygen Demand ( COD )	gms/kg	17.75
03	Bio-chemical Oxygen Demand ( BOD )	gms/kg	5.98
04	Chlorides	gms/kg	29.33
05	Sulphate	gms/kg	24.80
06	Total Inorganic Solids at 550 Deg. C	gms/kg	781.25
07	Total Dissolved Solids	gms/kg	94.65
08	Total Hardness ( as CaCO <sub>3</sub> )	gms/kg	14.00
09	Calcium Hardness ( as CaCO <sub>3</sub> )	gms/kg	10.00
10	Magnesium Hardness ( as CaCO <sub>3</sub> )	gms/kg	4.00
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity ( as CaCO <sub>3</sub> )	gms/kg	2.83

N. D. \*: Not Detected in gms/kg.

Analysed By,

( Analyst )

For AKSHAR CONSULTANTS,

( AUTHORISED SIGNATORY )



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CONSULTANTS**

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Report No. : AC/AIR/20-21/036

Date : 26-05-2020

**WORK AREA AIR SAMPLING ANALYSIS REPORT**


UNIT	: INTAS PHARMACEUTICALS LTD.
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.

Sr. No.	Sampling location	Date of Sampling	Weight of PM <sub>2.5</sub> collected (in ug)	Volume of Air sampled (in m <sup>3</sup> )	Dust concentration - PM <sub>2.5</sub> (in ug/m <sup>3</sup> )	GPCB Limit (in ug/m <sup>3</sup> )
1	Ware House Dispensing Area	21/05/'20	62.52	7.70	8.12	60.00
2	Ground floor of Manufacturing plant	21/05/'20	64.35	7.80	8.25	60.00
3	First floor of Manufacturing plant	21/05/'20	63.20	7.95	7.95	60.00


Sr. No.	Sampling location	Date of Sampling	Ethyl Acetate concentration (VOC) (in ug/m <sup>3</sup> )
1	Ware House Dispensing Area	21/05/'20	BDL
2	Ground floor of Manufacturing plant	21/05/'20	BDL
3	First floor of Manufacturing plant	21/05/'20	BDL

BDL : Below Detectable Limit.

ANALYSED BY,

  
(Analyst)

FOR AKSHAR CONSULTANTS,

  
(Authorised Signatory)





**AKSHAR  
CONSULTANTS**

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1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,  
Ahmedabad - 380 006. Tel. : (079) 26583525 E-mail : darshan.parekh@aksharconsultants.in

Report No. : AC/AIR/20-21/184

Date : 08-08-2020

**WORK AREA AIR SAMPLING ANALYSIS REPORT**

UNIT	: INTAS PHARMACEUTICALS LTD.
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.

Sr. No.	Sampling location	Date of Sampling	Weight of PM <sub>2.5</sub> collected (in ug)	Volume of Air sampled (in m <sup>3</sup> )	Dust concentration - PM <sub>2.5</sub> (in ug/m <sup>3</sup> )	GPCB Limit (in ug/m <sup>3</sup> )
1	Ware House Dispensing Area	04/08/'20	67.63	8.10	8.35	60.00
2	Ground floor of Manufacturing plant	04/08/'20	65.20	8.00	8.15	60.00
3	First floor of Manufacturing plant	04/08/'20	66.00	8.25	8.00	60.00

Sr. No.	Sampling location	Date of Sampling	Ethyl Acetate concentration (VOC) (in ug/m <sup>3</sup> )
1	Ware House Dispensing Area	04/08/'20	BDL
2	Ground floor of Manufacturing plant	04/08/'20	BDL
3	First floor of Manufacturing plant	04/08/'20	BDL

BDL : Below Detectable Limit.

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)