



CIN - U24231GJ1985PLC007866

INTAS PHARMACEUTICALS LTD.

Factory : Plot No. 457, 458, Vill. Matoda, Bavla Road, Tal. Sanand, Dist. Ahmedabad. Pin - 382 210.

Date: 12.05.2020

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.: Mr. B.B. Barman (Scientist 'F')

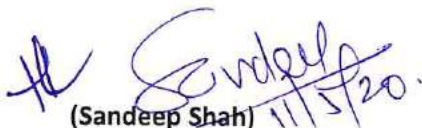
Dear Sir,

Sub.: submission of compliance report of our site plot no. 191, Village: Chacharwadi Vasana, Taluka: Sanand, District: Ahmedabad. (November – 2019 to April – 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) 11/5/20.

Authorized Signatory
Encl.: As Above.

COMPLIANCE REPORT

Monitoring period

Nov - 2019 to Apr - 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: 11.05.2020

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 INTAS PHARMACEUTICALS LTD.
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 & 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)	

9	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
10	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.
11	The status of clear felling in non-forest area (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.
12	Status of construction	
	a) Date of commencement (actual and / or Planned.	June 2010
	b. Date of completion (actual and / or planned	May 2012
13	Reasons for the delay if the project is yet to start	Not applicable.

M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period Nov.' 19 to Apr.'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 Sy No. 191 Village Chacharwadi Vasana, Taluka Sanand, District Ahmedabad, 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 m² Total project cost is Rs 14.0 Crore. Following Product will be manufactured</p> <ul style="list-style-type: none">At the time only two products will be manufactured	<ul style="list-style-type: none">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.The production details from Nov-19 to Apr-20 are as below:																																																																																																																								
	<table><tr><th>Sr. No</th><th>Name of Product</th><th>Nov-19</th><th>Dec-19</th><th>Jan-20</th><th>Feb-20</th><th>Mar-20</th><th>Apr-20</th></tr><tr><td>1</td><td>Pregabaline(Kg)</td><td>72.14</td><td>83.06</td><td>81.8</td><td>126.1</td><td>0</td><td>56.42</td></tr><tr><td>2</td><td>Paclitaxel (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1.9</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>0</td><td>0</td><td>0</td><td>0</td><td>0</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>72.14</td><td>83.06</td><td>81.8</td><td>126.1</td><td>1.9</td><td>56.42</td></tr></table>		Sr. No	Name of Product	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	1	Pregabaline(Kg)	72.14	83.06	81.8	126.1	0	56.42	2	Paclitaxel (Kg)	0	0	0	0	1.9	0	3	Fesoterodine Fumarate (Kg)	0	0	0	0	0	0	4	Trazadone Hydrochloride (Kg)	0	0	0	0	0	0	5	Lacosamide (Kg)	0	0	0	0	0	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)		72.14	83.06	81.8	126.1	1.9	56.42
Sr. No	Name of Product	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20																																																																																																																			
1	Pregabaline(Kg)	72.14	83.06	81.8	126.1	0	56.42																																																																																																																			
2	Paclitaxel (Kg)	0	0	0	0	1.9	0																																																																																																																			
3	Fesoterodine Fumarate (Kg)	0	0	0	0	0	0																																																																																																																			
4	Trazadone Hydrochloride (Kg)	0	0	0	0	0	0																																																																																																																			
5	Lacosamide (Kg)	0	0	0	0	0	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)		72.14	83.06	81.8	126.1	1.9	56.42																																																																																																																			
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 m³/day. Total industrial effluent generation will be 14.65 m³/day. Industrial effluent will be segregated in to High COD and low COD effluent</p>	<ul style="list-style-type: none">Entire water requirement has been fulfilled from Bore well <p>Fresh water consumption details is given below</p> <table><tr><th>Month</th><th>Water Consumption per Month (KI)</th><th>Water Consumption per day (KI)</th></tr><tr><td>Nov-19</td><td>948</td><td>31.6</td></tr><tr><td>Dec-19</td><td>965</td><td>31.1</td></tr><tr><td>Jan-20</td><td>927</td><td>29.9</td></tr><tr><td>Feb-20</td><td>888</td><td>30.6</td></tr><tr><td>Mar-20</td><td>938</td><td>30.2</td></tr><tr><td>Apr-20</td><td>895</td><td>29.8</td></tr></table>	Month	Water Consumption per Month (KI)	Water Consumption per day (KI)	Nov-19	948	31.6	Dec-19	965	31.1	Jan-20	927	29.9	Feb-20	888	30.6	Mar-20	938	30.2	Apr-20	895	29.8																																																																																																			
Month	Water Consumption per Month (KI)	Water Consumption per day (KI)																																																																																																																								
Nov-19	948	31.6																																																																																																																								
Dec-19	965	31.1																																																																																																																								
Jan-20	927	29.9																																																																																																																								
Feb-20	888	30.6																																																																																																																								
Mar-20	938	30.2																																																																																																																								
Apr-20	895	29.8																																																																																																																								

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

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. 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.

- We are strictly following Zero Liquid discharge by operating Effluent Treatment plant followed by RO & MEE with ATFD . Finally Salt transfer to TSDF site.
- 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, Surendranagr and incinerable waste is incinerate in own incinerator and Ash is also being send to common TSDF site of M/s ECOCARE, Surendranagr. Membership certificate & Undertaking of Eco Care as Attached as **Annexure -1(A) & 1(B)**
- Copy of Form IV submitted to GPCB for the year 2018-2019, is attached for your ready reference as **Annexure-2**

Annexure-1(A)

MEMBERSHIP CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that

M/S. INTAS PHARMACEUTICALS LTD

which is situated at

Plot No-477-158, Metrolife Park Road,
Village Marwala, Tal. Surendra Dist. Ahmedabad-382210

is member of

M/S. ECOCARE INFRASTRUCTURES PVT. LTD.
for Treatment, Storage and Disposal Facility (TSDF),
Situated at Survey No. 127, Village Chauspur,
Tal. Damsa, Dist. Surendranagar.

This membership is valid for a period of 3 years.

Membership No. : ECIPL-213
Membership Renewal Date : 06-01-2023
Membership Expired on : 31-01-2023

FOR, ECOCARE INFRASTRUCTURES PVT. LTD.
(Signature)
(MANAGING DIRECTOR)

Head Office: Survey No. 127, Village Chauspur, Tal. Damsa, Dist. Surendranagar-382210. M. 9426 1711

Annexure-1(B)

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

To,
EcoCARE Infrastructures Private Limited
Survey No. -127,
Village Chauspur,
Tal. Damsa,
Dist. Surendranagar-382210

We, **INTAS PHARMACEUTICALS LIMITED**,
situated at Plot No. 477-158, Metrolife Park Road, Village Marwala, Tal. Surendra Dist. Ahmedabad-382210, hereby undertake to become a member of Treatment, Storage and Disposal Facility (TSDF), located at Survey No. 127, Village Chauspur 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 Chauspur together with Membership form duly filled, signed and stamped along with necessary documents.

We undertake 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 undertake 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 or for dumping into TSDF will be in compliance with the relevant environmental laws and the regulations/guidelines prescribed by GPCB/GPCB from time to time. The solid waste will not contain moisture in excess of 20% and will not be between 0.5 to 0.5.
2. We will send the solid waste by the vehicle duly registered, covered and appropriately secured in accordance with the prevailing provisions, if any, specified by you or the concerned authority to prevent dusting, spillage and environmental nuisance. The vehicle will be transported under Hazardous Waste Management Rules will be fully compliant with while transporting solid waste to the TSDF.
3. We will not send the recyclable/salvageable solid waste for dumping.

1205 7219993

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

4.0	Public hearing of the project was held on 11 th 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 rd 14 th & 21 st meeting held during 15 th – 16 th September, 2009, 16 th – 17 th September, 2010 and 23 rd – 24 th 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 th September 2006 subject to the compliance of the following Specific and General Conditions:	--
A. SPECIFIC CONDITION		
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.	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	<ul style="list-style-type: none"> Unit have a SOP for operation of scrubber and pH maintain in scrubber and data note down in Form. NaOH & Hcl solution is using as a scrubbing media for control the gaseous emission as per CC&A. Scrubbing media drain to ETP for further treatment as and when required. 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

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

	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.	emission level by GPCB approved third party (M/s Akshar Consultant). The emission results are as mentioned for your ready reference as <u>Annexure - 3</u>															
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 th September, 2009. The level of PM ₁₀ , SO ₂ , NO _x ,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 (GPCB) . On-line VOC analyzer shall be installed for monitoring of VOCs in ambient air	Monitoring being done on quarterly basis through GPCB approved third party M/s. Akshar Consultants and being regularly updated to GPCB, MOEF Regional office & displayed at main gate board. Below Pasted Ambient air Monitoring Data.															
<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.</td><td>51.23</td><td>91.86</td><td>7.05</td><td>14.90</td></tr></table>						Sr. No	Sample Name	PM2.5 (mg/m3)	PM10 (mg/m3)	SO2 (mg/m3)	NO2 (mg/m3)	1	Ambient Air Monitoring.	51.23	91.86	7.05	14.90
Sr. No	Sample Name	PM2.5 (mg/m3)	PM10 (mg/m3)	SO2 (mg/m3)	NO2 (mg/m3)												
1	Ambient Air Monitoring.	51.23	91.86	7.05	14.90												
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.																

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

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

Noise Monitoring Report			
Sr. No.	Locations	Average Reading (dB) – Jan -20	
		12.10 PM to 12.40 PM (day Time)	11.10 PM to 11.35 PM (Night time)
1	Near Main Gate	64.5	53.9
2	Near Bore well	69.0	63.8
3	Near Electric substation	73.1	65.2
4	Near Canteen	70.1	63.4
5	Near Utility Area	73.2	65.3
6	Near ETP.	74.1	67.3
7	Near Ware House	73.5	66.0
8	Inside Production Area	73.1	65.3

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

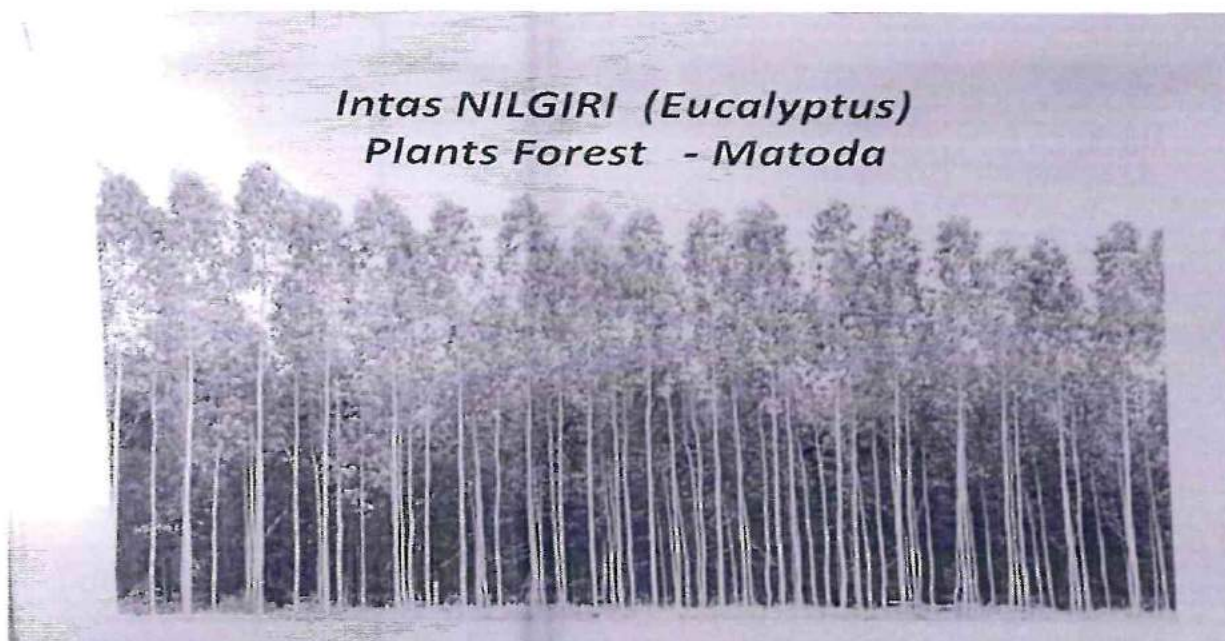
ix	Solvent management shall be carried out as follows :	
	<p>1. Reactor shall be connected to chilled brine condenser system.</p> <p>2. Reactor and solvent handling pump have Mechanical seals to prevent leakages.</p> <p>3. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</p> <p>4. Solvents shall be stored in a separate space Specified with all safety measures.</p> <p>5. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done</p> <p>6. Entire plant shall be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses.</p>	<p>Complied.</p> <p>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.</p> <p>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</p>
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.	Permission granted from CGWB authority.
xi	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	<ul style="list-style-type: none"> For waste water management we segregate all effluent in to high COD and low COD effluent High COD effluent is being treated in Multi effect evaporator and its condensate water treated by ETP followed by RO/MEE/ATFD. 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. Sewage is being treated in STP.
xii	Hazardous chemicals shall be stored in tank, farms, drums, carboys, etc. Flame arresters shall be provided on the tank farm. Solvent transfer shall be by pumps	<ul style="list-style-type: none"> Hazardous chemicals are stored in Drum and Drum storage under CCOE approved Shed WITH Adequate 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	<ul style="list-style-type: none"> ETP sludge is sent to M/s Eco care, Surendranagar.

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

	carbon will be sent to cement plant.	<ul style="list-style-type: none"> For Membership certificate & Undertaking of Eco Care , please refer Attached <u>Annexure - 1(A) & 1(B)</u> Solvent residue and spent carbon are incinerated in own incineration facility.
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.	We are strictly following guidelines as per MSIHC rules.
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
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 March -2020 Some medical report summary pasted as below.

Sr No.	Name	Age	Blood Pressure	Pulse	Hb (g/dl)	WBC (cmm)	RBS	ESR (mm/hr)	ECG Report
1	Minesh Modi	34	120/80m mhg	76/min	15.1	6750	4.9	2	Normal
2	Prakash Patel	34	130/80m mhg	70/min	14.7	8180	4.89	9	Normal
3	Rajesh Patel	42	120/80m mhg	72/min	13.8	8350	4.5	2	Normal
4	Ravindra Yadav	41	120/80m mhg	74/min	13.8	6230	4.57	2	Normal
5	Lalabhai Bharvad	29	110/70m mhg	70/min	15	7080	5.3	2	Normal

xx	Green belt shall be developed in 16,500 m ² out of total area 50,000 m ² selection of plant species shall be as per the CPCB guidelines.	Green Belt developed in 16,500 m ² 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	Provision shall be made for the housing for the construction labor within the site with all necessary infrastructure and facilities such as	Not applicable at this point of time
-----	---	--------------------------------------

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

	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.	
B. GENERAL CONDITION		
i.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.	The company is committed to follow all statutory requirements stipulated by GPCB in Vide consent order NO. AWH-91538 dated 28/02/2018 valid up to 11/02/2023 Copy of CC&A Attached as <u>Annexure-6</u>
ii.	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 required, if any.	<ul style="list-style-type: none"> 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.
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"> 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. <p>Report for the same are attached separately as <u>Annexure-7</u></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"> The overall noise level is well within the limit for detail pl. refers as <u>Annexure - 5</u> for noise monitoring report. Noise monitoring is done by Akshar Consultants. It is GPCB approved laboratory.
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	We have provided rain water harvesting system to recharge the ground water and conserve the ground water.

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

	the project to conserve fresh 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"> • Company has made compulsory induction training for every new employee about EHS awareness and evaluation checked by the written exam. • Company has made training calendar on various safety, health & environment topics such a way that all the employee covered in each topics. • Fire drill demonstration and awareness training provided to all department employee in every 02 months. • Environmental and safety mock drill conduct every 06 months at particular plant with various scenario. • During the environment day, safety week, fire day various training programme planned for awareness about safety and Environment. • Firsted training conducted every year through state government approved doctor. And also in-house training Planned at every month by Factory Medical Officer.
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"> • Safety Helmet – During operation • Safety Shoes - Mandatory • Hand gloves (cotton, leather, rubber) – During operation • Safety Goggles - Mandatory • Working dress - Mandatory
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.	We will comply and implement all the environment protection measures as per EIA /EMP.
ix	The company shall undertake all relevant measures for improving the socioeconomic conditions of	The company take all relevant measures for improving the socioeconomic condition of surrounding area by

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

	surrounding area. CSR activities shall be undertaken by involving local villages and administration	involving local village and administration as per factory act		
x	The company shall undertake eco - developmental measures including community welfare measures in the project area for the overall improvement of the environment.	We will comply the same as per the requirement.		
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.		
	Qualification of EHS Department			
	Designation	NAME of Person	Total years of Experience	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	Diplome in Mechanical
	Sr. Executive	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 (07 Nos)	+ 10 Yrs	Bsc. Chemistry
	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.
	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	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		

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

	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.	
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.	Sent the clearance letter to all concern and local body.
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 31st march in Form – V as prescribed under the Environment (Protection) Rules, 1986.</p> <p>Copy of Form V submitted to GPCB for the year 2018-19 , is attached for your ready reference as <u>Annexure-9</u></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 http://envfor.nic.in 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	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..

M/s Intas pharmaceutical Ltd. – EC Compliance Report for the period Nov'19 to Apr'20

	and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	
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 will be informing to concern regional office as well as Ministry.

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
8	EHS Organ gram
9	Environment statement Form – V



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.

Pravin P Patel
(MANAGING DIRECTOR)

Annexure - 1 (B)

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/GPOB 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.

CHANGODAR BRANCH
AHMEDABAD - 382216
GUJARAT
INDIA
STAMP DUTY
00000
SPECIAL ADHESIVE
17.12.2019
1258 7219383

4. We understand and agree that **"EcoCARE Infrastructures Private Limited"** a company, a TSDF 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 TSDF 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.

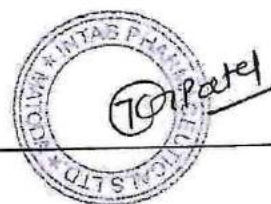
Place: INTAS , MATODA

Date:

Kalpesh M. Patel

Manager - EHS

Name and designation of Person Signing



Signature with seal of Unit

Annexure - 2

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 30th 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	:	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
4.	Quantity of hazardous wastes (in MTA):	:	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
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.

Annexure - 3



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

704 & 813, Sakar-6, Nr. Mithakhali Railway Crossing, Off Ashram Road, Ahmedabad - 380 009. Tel/Fax : (079) 26583525

Report No. : AC/AIR/19-20/659

Date : 15-01-2020

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 09-01-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 03 : 30 PM
SAMPLING LOCATION	: Vent attached to Solvent Vapour 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 ³	mg/Nm ³
Hydrochloric Acid (HCl)	Nil	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO ₂)	Nil	40.00
Oxides of Nitrogen (NO _x)	Nil	25.00
Ammonia	Nil	175.00
H ₂ S	Nil	45.00
CS ₂	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	7.25	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

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

Report No. : AC/AIR/19-20/658

Date : 15-01-2020

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 09-01-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 02 : 40 PM
SAMPLING LOCATION	: Vent attached to Solvent Vapour 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 ³	mg/Nm ³
Hydrochloric Acid (HCl)	Nil	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO ₂)	Nil	40.00
Oxides of Nitrogen (NO _x)	Nil	25.00
Ammonia	Nil	175.00
H ₂ S	Nil	45.00
CS ₂	Nil	180.00
CO	Nil	150.00
Hydro Carbon (VOC)	6.55	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)



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Report No. : AC/AIR/19-20/657

Date : 15-01-2020

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 09-01-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 55 PM
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 ³	mg/Nm ³
Hydrochloric Acid (HCl)	12.44	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO ₂)	Nil	40.00
Oxides of Nitrogen (NO _x)	Nil	25.00
Ammonia	Nil	175.00
H ₂ S	Nil	45.00
CS ₂	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

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

Report No. : AC/AIR/19-20/656

Date : 15-01-2020

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 09-01-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 15 PM
SAMPLING LOCATION	: Vent attached to HCl 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 ³	mg/Nm ³
Hydrochloric Acid (HCl)	9.60	20.00
Chlorine	Nil	9.00
Sulphur Di-oxide (SO ₂)	Nil	40.00
Oxides of Nitrogen (NO _x)	Nil	25.00
Ammonia	Nil	175.00
H ₂ S	Nil	45.00
CS ₂	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.

FORM NO. 37

(Prescribed under Rule 12-8)

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: 06.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m ³	TWA concentration (As given in Second Schedule in mg/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 mg/m ³							
1	Ware House (Chemical Storage) API	PM 2.5	Fine Dust Sampler	3	11.80 µg/ m ³	11.80 µg/ m ³	40 µg/ m ³	Standard Method	02	-	A.S.SODIYA	A.S.SODIYA
		PM 10			20.43 µg/ m ³	20.43 µg/ m ³	60 µg/ m ³					
		SO ₂			BDL	BDL	50 µg/ m ³					
		NO ₂	BDL		BDL	40 µg/ m ³	Gaseous Air Sampler					
		Ammonia (NH ₃)	2.30 µg/ m ³		2.30 µg/ m ³	100 µg/ m ³						
		Stannic Chloride	BDL		BDL	--						
		Methylene Di Chloride	BDL		BDL	15 ppm						

Consent of Person Approving By Inspector In-charge Health & Safety

VISHAL B. PATEL
GUUDSIHCP/TA
05210694

Inspector In-charge Health & Safety

Note: BDL = Below Detectable Limit

VISHAL B. PATEL

COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO:- GUJ/DISH/CT/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.

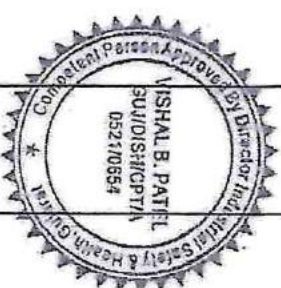
Date of Monitoring: 06.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m ³	TWA concentration (As given in second schedule in mg/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 mg/m ³							
1	Ware House (Passage) API	PM 2.5	Fine Dust Sampler	3	12.57 µg/m ³	12.57 µg/m ³	40 µg/m ³	Standard Method	03	—	A.S.SODIYA	A.S.SODIYA
		PM 10			23.70 µg/m ³	23.70 µg/m ³	60 µg/m ³					
		SO ₂			BDL	BDL	50 µg/m ³					
		NO ₂			BDL	BDL	40 µg/m ³					
		Ammonia (NH ₃)			3.97 µg/m ³	3.97 µg/m ³	100 µg/m ³					
		Stanic Chloride			BDL	BDL	—					
		Methylene Di Chloride	Gaseous Air Sampler		BDL	BDL	15 ppm				VISHAL B. PATEL	VISHAL B. PATEL

Note: BDL= Below Detectable Limit



VISHAL B. PATEL
 COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)
 INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO:- GUJIDSH/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: 06.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m ³	TWA concentration (As given in second Schedule in mg/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 mg/m ³								
1	Block B GF (Passage)	PM 2.5	Fine Dust Sampler	3	15.75 µg/ m ³	15.75 µg/ m ³	40 µg/ m ³	Standard Method	02	---	A.S.SODIYA	A.S.SODIYA	
		PM 10			32.13 µg/ m ³	32.13 µg/ m ³	60 µg/ m ³						
		SO2			BDL	BDL	50 µg/ m ³						
		NO2	Gaseous Air Sampler		1.50 µg/ m ³	1.50 µg/ m ³	40 µg/ m ³						
		Methiline Di Chloride	BDL		BDL	15 ppm							
		N Butanol	BDL		BDL	--							
		Acetone	5.12 ppm		5.12 ppm	1000 ppm							



A.S.SODIYA	MAULIK PANCHAL	MITUL PATEL	KRUNAL PATEL	VISHAL B. PATEL	VISHAL B. PATEL
------------	-------------------	-------------	-----------------	--------------------	--------------------



Note: BDL= Below Detectable Limit

VISHAL B. PATEL
CONSISTENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO:- GUJ/DISH/CP/T/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-Bawla Road

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

Date of Monitoring: 06.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

Sl. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m ³	TWA concentration (As given in second Schedule in mg/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 mg/m ³								
1	Block B FF (Process Room-6)	PM 2.5	Fine Dust Sampler	3	10.10 µg/ m ³	10.10 µg/ m ³	40 µg/ m ³	Standard Method	04	--	A.S.SODIYA	A.S.SODIYA	
		PM 10			22.76 µg/ m ³	22.76 µg/ m ³	60 µg/ m ³						
		SO2			BDL	BDL	50 µg/ m ³						
		NO2	Gaseous Air Sampler		BDL	BDL	40 µg/ m ³						
		Methylene Di Chloride	2.25 µg/ m ³		2.25 µg/ m ³	15 ppm							
		N. Butanol	BDL		BDL	--							

Connection Person Approved by Director/Inspector
VISHAL B. PATEL
GUJIDISHCPTVA
05210654

Inspector, Gujarat

Note: BDL= Below Detectable Limit

VISHAL B. PATEL

COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)

INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO:- GU/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-Bawla Road

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

Date of Monitoring: 06.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m ³	TWA concentration (As given in second Schedule in mg/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 mg/m ³							
1	Block C FF (Process Room-5)	PM 2.5	Fine Dust Sampler	3	7.54 µg/m ³	7.54 µg/m ³	40 µg/m ³	Standard Method	03			A.S.SODIYA
		PM 10			15.16 µg/m ³	15.16 µg/m ³	60 µg/m ³					MAULIK PANCHAL
		SO ₂			BDL	BDL	50 µg/m ³					MITUL PATEL
		NO ₂			BDL	BDL	40 µg/m ³					MITUL PATEL
		Acetic Acid			4.52 µg/m ³	4.52 µg/m ³	10 ppm					KRUNAL PATEL
		Hexane			BDL	BDL	500 ppm					VISHAL B. PATEL
		Acetone			3.06 ppm	3.06 ppm	1000 ppm					VISHAL B. PATEL

Note: BDL = Below Detectable limit



VISHAL B. PATEL

COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO. - GUJ/ISH/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: 06.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m ³	TWA concentration (As given in second Schedule in mg/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 mg/m ³							
1	Block C. FF (Process Room-8)	PM 2.5	Fine Dust Sampler	3	10.80 µg/ m ³	10.80 µg/ m ³	40 µg/ m ³	Standard Method	03	—	A.S.SIDDIYA	A.S.SIDDIYA
		PM 10			20.30 µg/ m ³	20.30 µg/ m ³	60 µg/ m ³				MAULIK- PANCHAL	MAULIK PANCHAL
		SO ₂			BDL	BDL	50 µg/ m ³				MITUL PATEL	MITUL PATEL
		NO ₂			BDL	BDL	40 µg/ m ³				KRUNAL PATEL	KRUNAL PATEL
		Hexane			BDL	BDL	500 ppm				VISHAL B. PATEL	VISHAL B. PATEL
		Acetone			5.04 ppm	5.04 ppm	1000 ppm				VISHAL B. PATEL	VISHAL B. PATEL



VISHAL B. PATEL

COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)

INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO:- GUJDSH/CP/1A/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: 06.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

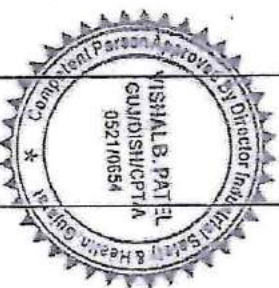
Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m^3	TWA concentration (As given in second Schedule in mg/m^3)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
				Number of samples	Range In mg/m^3							
1	Block C GF (Passage)	PM 2.5	Fine Dust Sampler	3	7.35 $\mu\text{g}/\text{m}^3$	7.35 $\mu\text{g}/\text{m}^3$	40 $\mu\text{g}/\text{m}^3$	Standard Method	02	--	A.S.SODIYA	A.S.SODIYA
		PM 10			15.75 $\mu\text{g}/\text{m}^3$	15.75 $\mu\text{g}/\text{m}^3$	60 $\mu\text{g}/\text{m}^3$					
		SO ₂			BDL	BDL	50 $\mu\text{g}/\text{m}^3$					
		NO ₂			BDL	BDL	40 $\mu\text{g}/\text{m}^3$					
		Methylene Di Chloride			2.10 ppm	2.10 ppm	15 ppm					
		Hexane			BDL	BDL	500 ppm					
		Acetone			5.30 ppm	5.30 ppm	1000 ppm					

Note: BDL- Below Detectable Limit

VISHAL B. PATEL

COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)

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





**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

INSTANTANEOUS NOISE LEVEL MONITORING REPORT

Name of Company : Intas Pharmaceuticals Ltd.

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

Date : 09-01-2020

Sr. No.	LOCATIONS	AVERAGE READING (dB)			
		12:25 PM to 12:55 PM (day time)	GPCB Limit (dB)	11:20 PM to 11:55 PM (night time)	GPCB Limit (dB)
01	Near main gate	64.5	75	53.9	70
02	Near ETP	74.1	75	67.3	70
03	Near Bore well	69.0	75	63.8	70
04	Near Electric Substation	73.1	75	65.2	70
05	Near Canteen	70.1	75	63.4	70
06	Near Utility Area	73.2	75	65.3	70
07	Near Ware House	73.5	75	66.0	70
08	Inside Production Area	73.1	75	65.3	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	Isosoterodine 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 K/g/Month
10	Eletnptan Hydrobromide	16.67 K/g/Month
11	Dronaderon	166.67 K/g/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 will strictly comply with all the condition of E.C. (F.No. J-11011/493/2009-IALL (I) dated 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. AWH-91538/2018

[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	0.1 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

- 2.5 All efforts shall be made to remove colour & unpleasant odour as far as practicable
- 2.6 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.
- 2.7 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.
- 2.8 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 ³
				SO ₂	100 ppm
				NO _x	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 ₂	40 mg/NM ³
	Solvent Vapour Scrubber No 1&2	15 Meter	Ventury Scrubber Followed By Alkali Scrubber	NO _x	25 mg/NM ³
				HCL	20 mg/NM ³

Outward No: 448937, 26/03/2018

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 - ₁₀	60 Microgram/NM ³	100 Microgram/M ³
Particulate Matter - _{2.5}	40 Microgram/NM ³	60 Microgram/M ³
SO ₂	50 Microgram/NM ³	80 Microgram/M ³
NO _x	40 Microgram/NM ³	80 Microgram/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 porches, 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 quantity 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

(Signature)

Clean Gujarat Green Gujarat

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

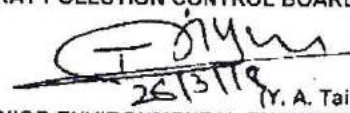
3	Discarded Container	33.1	600 Nos/Year	Collections, Storage, Decontamination And Sale Or Sale To Authorized Decontamination Facility.
4	Solvent Residue	28.1	30 MT/Year	Collections, Storage, Transportation and incineration at Own incinerator/CHWIF or BEIL/SEPPL Kutch.
5	Spent Carbon/Hyflow/Sodium Sulphate Etc From Process	28.3	15.5 MT/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 MT/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 or 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 30th 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 hazardous 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 regard 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


26/11/18
(Y. A. Tai)
SENIOR ENVIRONMENTAL ENGINEER

NO: GPCB/ID-3737/CCA/ABD-GEN-807(2)

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

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



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Report No. : AC/AIR/19-20/661

Date : 15-01-2020

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 09-01-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 50 AM
SAMPLING LOCATION	: In open space near main gate.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	09 : 50 AM to 09 : 50 AM (09-01-'20) (10-01-'20)
2. Weight of PM ₁₀ collected	2.118 mg.
3. Volume of Air sampled	23.055 Cubic meter
4. PM ₁₀ concentration	91.86 µg / m ³ GPCB Limit 100 µg/m ³

ANALYSED BY,



(Analyst)

FOR AKSHAR CONSULTANTS,



(Authorised Signatory)



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Report No. : AC/AIR/19-20/660

Date : 15-01-2020

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 09-01-2020
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 50 AM
SAMPLING LOCATION	: In open space near main gate.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	09 : 50 AM to 09 : 50 AM (09-01-'20) (10-01-'20)
2. Weight of PM _{2.5} collected	1.171 mg.
3. Volume of Air sampled	22.855 Cubic meter
4. PM _{2.5} concentration	51.23 µg / m ³ GPCB Limit 60 µg/m ³

(B) 24 hourly observation :

Time : 09 : 50 AM to 09 : 50 AM
(09-01-'20) (10-01-'20)

Volume of Air Sampled (cu. mt.)	0.24	GPCB Limit µg/m ³
Sulphur Di-oxide (SO ₂) (µg/m ³)	7.05	80.00
Nitrogen Di-oxide (NO ₂) (µg/m ³)	14.90	80.00

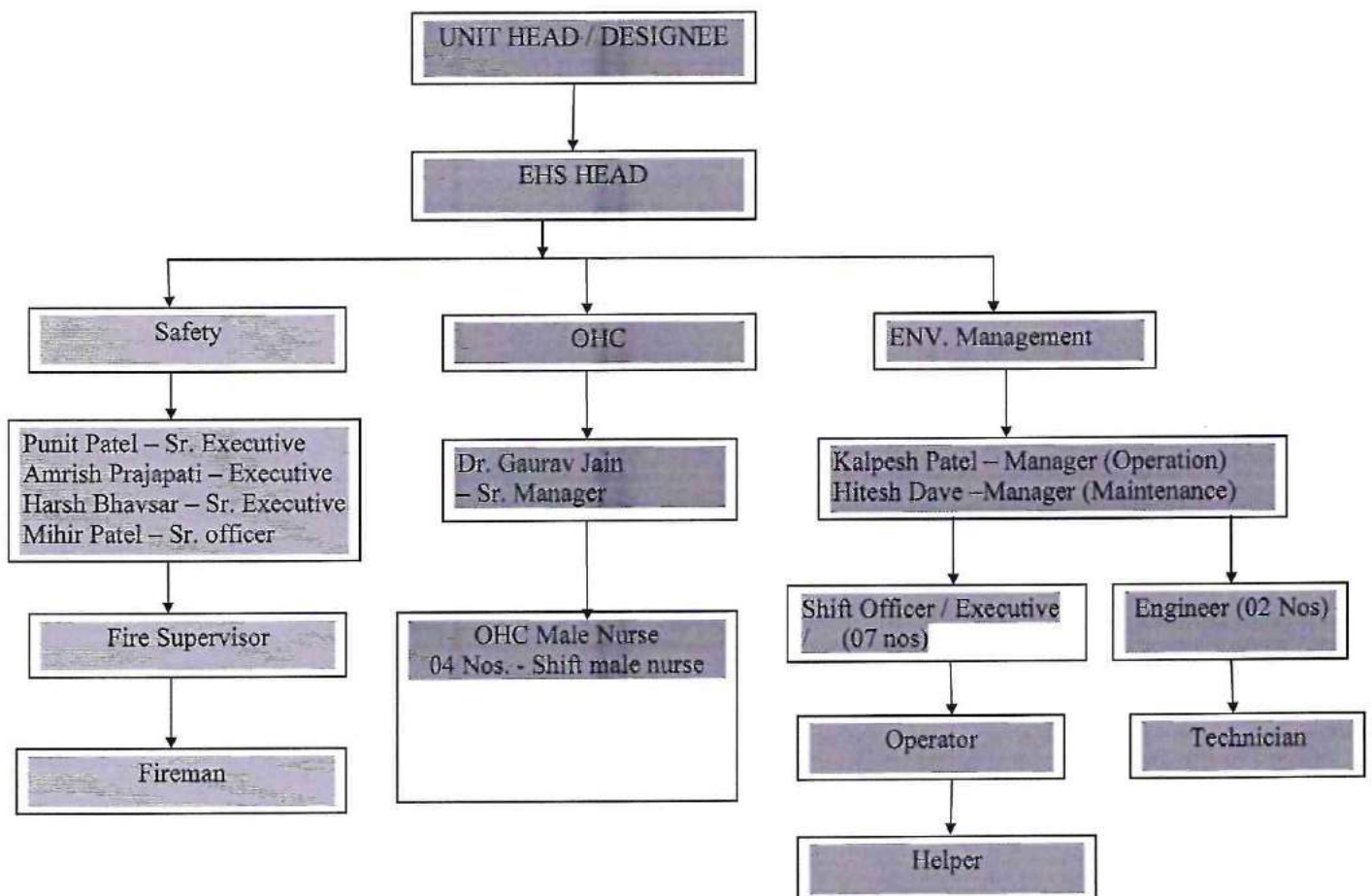
ANALYSED BY,

FOR AKSHAR CONSULTANTS,

(Analyst)

(Authorised Signatory)

EHS Management Staff Organogram (Formulation & API)



Annexure-9

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 382 010

ENVIRONMENTAL STATEMENT for the financial year ending the 31st 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 31st March in Form V to the concerned State Pollution Control Board on or before the Thirtieth Day of September every year, beginning 1993.”

PART – B

Water and Raw Material Consumption

- (1) Water Consumption m³/day :
- Process : 11.5 m³/day
- Domestic : 5.0 m³/day

Name of Products		Process water consumption per unit of product output																													
		During the previous Financial year	During the current Financial Year																												
<table border="1"><thead><tr><th>SR.NO.</th><th>PRODUCT</th></tr></thead><tbody><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></tbody></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																														
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																														

(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


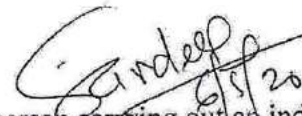
Additional measures/investment proposal for environmental protection including abatement of pollution/prevention of pollution.

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