



CIN - U24231GJ1985PLC007866

INTAS PHARMACEUTICALS LTD.

Corporate House, Near Sola Bridge, S.G. Highway, Thaltej, Ahmedabad – 380054, Gujarat, INDIA.
Ph. No. : 079-39837000, Website : www.intaspharma.com

Date: 02.12.2019

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. 457-458, Village:
Matoda, Taluka: Sanand, District: Ahmedabad. (June - 2019 to November - 2019)

Ref.: MoEF letter F. No. - J-11011/160/2013-IA.II (I) dated 13.10.2015

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
JUNE- 2019 to NOVEMBER -2019

M/s. Intas Pharmaceuticals Ltd.

Plot No. 457/458, Village : Matoda , Bavla Road, Ta: Sananad,
Dist. : Ahmedabad , Gujarat - 382210

EC Granted vide file no. F. No. J-11011/160/2013- IA II (I) dated 13/10/2015.

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

File no.: J-11011/160/2013-IA.-II (I) dated 13.10.2015

Date: 02.12.2019

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-11011/160/2013-IA.-II (I) dated 13.10.2015
4	Location	Plot No.457-458, Sarkhej-Bavla Highway, Village: Matoda, 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)	Intas Pharmaceuticals Limited Plot No.457-458, Sarkhej-Bavla Highway, Village: Matoda, Taluka: Sanand. Ahmedabad, Gujarat. Fax No. 02717 – 661106. Shri Kirti Maheshwari– Exe- Vice President M/s INTAS Pharmaceuticals Ltd., Plot No.457-458, Sarkhej-Bavla Highway, Village: Matoda, 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	Existing manufacturing of API batch sizes will be increased within same plant/premises.
	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

		<p>control laws.</p> <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	NA
	a. Submergence area: forest and nonforest	
	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 labourers / artisa	N.A.
	a. SC, ST / Adivasis	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 cared 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. 8.00 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. 9.2527 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 feeling in non-forest area (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.
12	Status of construction	Major civil work completed.
	a. Date of commencement (actual and / or planned	Actual commercial mfg. started from June 2010 ,
	b. Date of completion (actual and / or planned	2008
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. June' 19 to Nov.'19

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

Ref: F. No. J-11011/160/2013- IA II (I) and EC granted vide letter dated 13/10/2015

Sr. No.	EC Condition																																																																																																																							
2.0	The Ministry of Environment, Forest and Climate change has examined the application. It is noted that proposal is for expansion of Bulk Drug Manufacturing Plant (From 6,300 kg/annum to 24,075 kg/annum at plot No. 457 & 458, Sarkhej – Bavla Highway, Village Matoda, Taluka Sanand, District Ahmedabad, and Developed in 42,000 m2. The cost of Project is Rs. 4.00 Crore. It is reported that no eco-sensitive zone is located within 10 Km distance. Following products will be manufactured.	<ul style="list-style-type: none">Unit Located at plot No. 457 & 458, Sarkhej – Bavla Highway, Village Matoda, Taluka Sanand, District Ahmedabad. It is reported that no eco-sensitive zone is located within 10 Km distance.The production details from JUNE-19 to NOVEMBER-19 are as below:																																																																																																																						
	<table><tr><th>Sr. No</th><th>Name of Product</th><th>June-19</th><th>July-19</th><th>Aug-19</th><th>Sept -19</th><th>Oct. -19</th><th>Nov.-19</th></tr><tr><td>1</td><td>GEMCITABINE(Kg)</td><td>0</td><td>0</td><td>0</td><td>6.612</td><td>0</td><td>0</td></tr><tr><td>2</td><td>CAPCITABINE(Kg)</td><td>0</td><td>0</td><td>214.670</td><td>0</td><td>0</td><td>0</td></tr><tr><td>3</td><td>IMITANIB MESYLATE(Kg)</td><td>0</td><td>78.420</td><td>73.238</td><td>93.596</td><td>76.350</td><td>0</td></tr><tr><td>4</td><td>DOCETEXAL(Kg)</td><td>7.350</td><td>0</td><td>6.625</td><td>6.490</td><td>6.560</td><td>8.290</td></tr><tr><td>5</td><td>Paclitaxel(Kg)</td><td>0</td><td>0</td><td>0</td><td>9.750</td><td>3.225</td><td>6.440</td></tr><tr><td>6</td><td>Carbazitaxel(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>Decitabine(Kg)</td><td>0.131</td><td>0.922</td><td>0</td><td>0</td><td>0.599</td><td>0.599</td></tr><tr><td>8</td><td>Azacitidine(Kg)</td><td>6.754</td><td>0</td><td>4.416</td><td>0</td><td>4.092</td><td>6.488</td></tr><tr><td>9</td><td>Erlotinib HCL(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>Sorafenib Tosylate(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>Lapatinib Ditosylate mono hydrate(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>Methotrexate(Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td></td><td>TOTAL</td><td>14.235</td><td>79.342</td><td>298.949</td><td>116.448</td><td>90.826</td><td>21.817</td></tr></table>								Sr. No	Name of Product	June-19	July-19	Aug-19	Sept -19	Oct. -19	Nov.-19	1	GEMCITABINE(Kg)	0	0	0	6.612	0	0	2	CAPCITABINE(Kg)	0	0	214.670	0	0	0	3	IMITANIB MESYLATE(Kg)	0	78.420	73.238	93.596	76.350	0	4	DOCETEXAL(Kg)	7.350	0	6.625	6.490	6.560	8.290	5	Paclitaxel(Kg)	0	0	0	9.750	3.225	6.440	6	Carbazitaxel(Kg)	0	0	0	0	0	0	7	Decitabine(Kg)	0.131	0.922	0	0	0.599	0.599	8	Azacitidine(Kg)	6.754	0	4.416	0	4.092	6.488	9	Erlotinib HCL(Kg)	0	0	0	0	0	0	10	Sorafenib Tosylate(Kg)	0	0	0	0	0	0	11	Lapatinib Ditosylate mono hydrate(Kg)	0	0	0	0	0	0	12	Methotrexate(Kg)	0	0	0	0	0	0		TOTAL	14.235	79.342	298.949	116.448	90.826	21.817
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3.0	Bag filter will be provided to the agro-waste fired boiler to control particular emissions. Scrubber will be provided to the process vents to control process emissions viz HCL and ammonia. Total fresh water requirement from ground water source will be increased from 160 m3/day to 511 m3/day. Industrial effluent generation will be 353 m3/day. Industrial effluent will be treated in the effluent treatment plant (ETP) and reverse Osmosis Rejects of RO will be evaporated in the multiple effect evaporation (MEE). Treated effluent, Condensate and recovered water will be recycled/ reused for cooling water make up and process. Zero effluent discharge will	<ul style="list-style-type: none">Bag fitters are provided in the boiler to control particular emission.Unit have installed scrubber facility to control emissions of HCL and ammonia and monitoring has been carried out by GPCB approved Akshar consultants.Entire water requirement has been fulfilled from Bore well																																																																																																																						

be adopted and no effluent will be discharges outside the premises. Sewage will be treated in the sewage treatment plant (STP). Process organic residue and spent carbon will be sent to cement industries for co-Processing. ETP sludge, Process inorganic & evaporation salt will be disposed off to the TSDF. The ash from boiler should be sold to brick manufacturers/cement industry. Used oil and spent catalyst will be sent to the authorized re-Processors/recycler.

Fresh water consumption details is given below

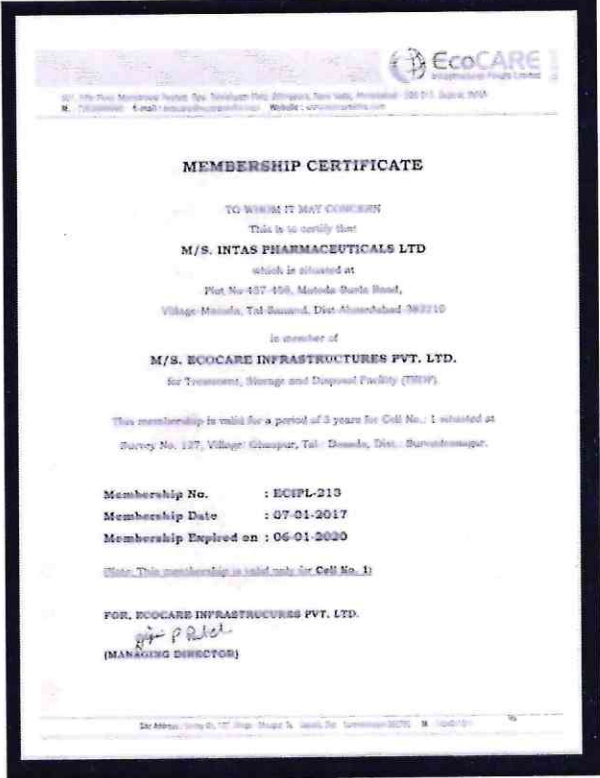
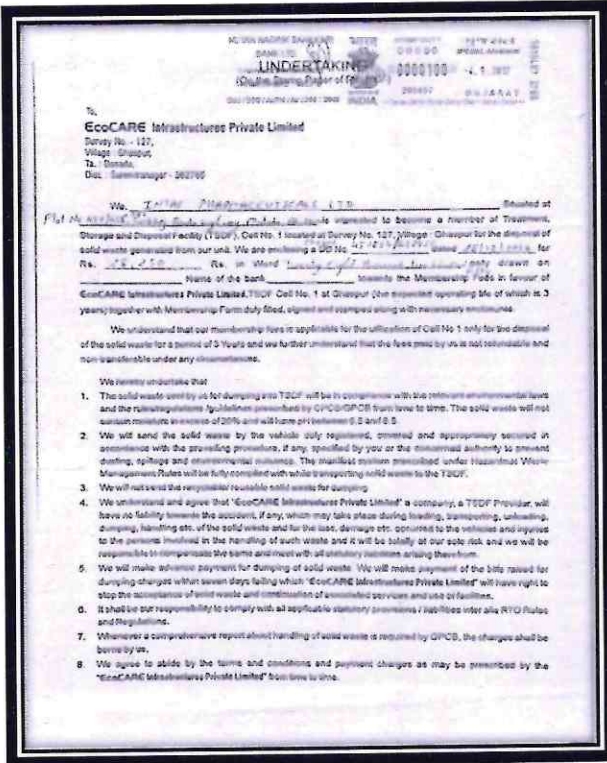
Month	Water Consumption per Month (KI)	Water Consumption per day (KI)
June - 19	12580	419.3
July - 19	12979	418.6
Aug - 19	11400	367.7
Sept -19	10438	347.9
Oct - 19	15025	484.6
Nov - 19	12185	406.1

- For waste water management, We segregate all the effluent streams from source itself based on its characteristics as under :
- High COD effluent is generate from API mfg. Unit have installed separately. Multiple effect evaporator and its low boiling solvent stripped out by solvent stripper. Mix solvent incinerate in own incinerator and its low cod effluent treated by ETP followed by RO and high TDS MEE with ATFD Low COD & low TDS effluent is being treated in biological ETP followed by RO and High TDS multiple effects Evaporator (MEE) with ATFD. Treated effluent, Condensate and recovered water is recycled/ reused in cooling water make up. Unit has maintained Zero liquid discharge of Process effluent.
- Unit have separately installed MBBR Sewage treatment plant and its treated water is using for the gardening as per the existing consent no. AWH-76430 dated 12/02/2016 valid up to 09/01/2021. Gardening water details as per below.

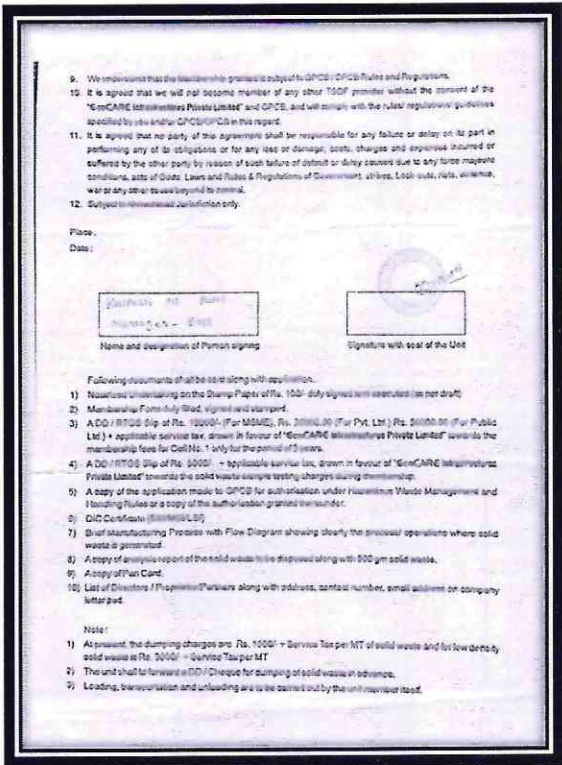
Month	Quantity Discharge in garden per Month (KI)	Quantity Discharge in garden per Day (KI)
June - 19	3964	132.1
July - 19	4007	129.2
Aug - 19	3865	124.6
Sept -19	4126	137.5
Oct - 19	3608	116.3
Nov - 19	4195	139.8

- Hazardous waste generates from site is being managed as per the existing consent No. AWH –

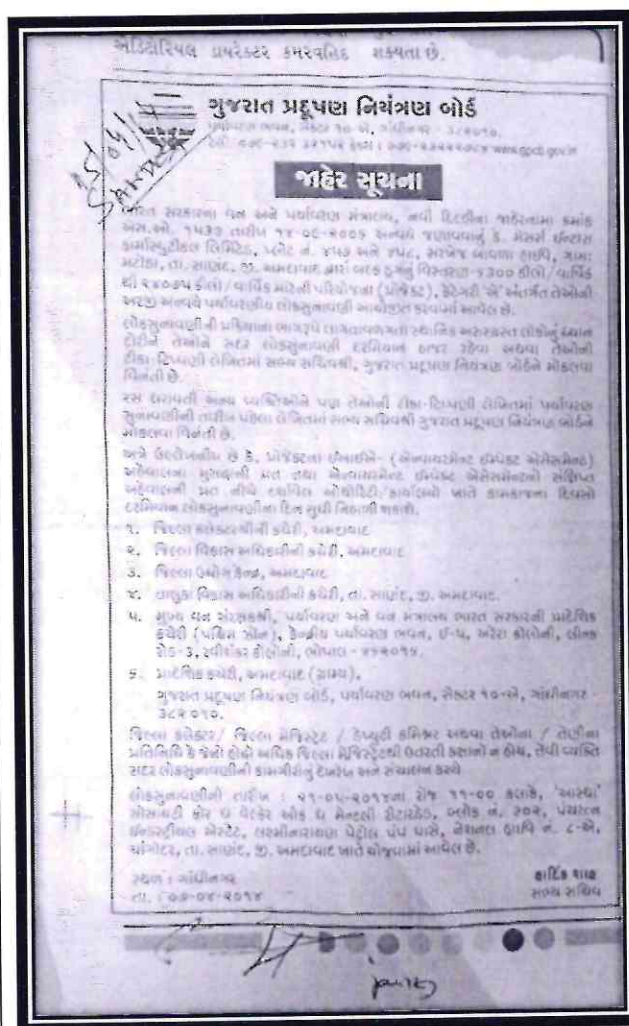
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	<p>76430 dated 12/02/2016 valid up to 09/01/2021 and as per the Hazardous waste rule 2016</p> <ul style="list-style-type: none"> Landfill waste is being send to common TSDF site of M/s Eco care, Surendranagr and incinerable waste is incinerate in own incinerator and Ash is also being send to common TSDF site of M/s Eco care, Surendranagr. Membership certificate & Undertaking of Eco Care as Attached <u>Annexure - 1(a) & 1(b)</u>
<p>Annexure -1(A)</p> 	<p>Annexure -1 (B)</p> 

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4.0	Public hearing/public Consultation was held on 21 st May, 2014	<p>EC file no. J-11011/160/2013-IA II(I) issued by MoEF on year - 2013 .Before receiving the EC advertisement for granted EC has been given in English News Paper Times of India(English) & Gujarati Newspaper Sandesh on dated 15/04/14 and also inform to ministry about advertisement through letter. Copy of Advertisement in Gujarati newspaper Sandesh Attached herewith as <u>Annexure -2</u></p>

Annexure -2



5.0	The synthetic organic chemicals industry 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) in its meetings held during 29 th - 31 st July, 2013, 28 th -29 th August 2014 and July, 2015

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	respectively. Project proponent and the EIA Consultant namely M/s Anand Consultants, have presented EIA/EMP report as per the TOR EAC has found the EIA/EMP Report and additional information to be satisfactory and in full consonance with the presented TORs. The Committee recommended the proposal for environmental clearance.	
7.0	Based on the information submitted by the project authorities, 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-11011/423/2006-IA II (i) DATED 15TH June 2007, J-11011/160/2013-IAII (I) dated 13th October 2015, 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 will follow all the guideline of National Emission Standard.
iii.	Bag filter shall be provided to the agro waste fired boiler to control particulate emissions within permissible limit The gaseous emissions shall be dispersed through stack of adequate height and monitored online (24 X 7) as per CPCB/GPCB guidelines.	<ul style="list-style-type: none"> Multi cyclone followed by Bag filters are provided in the boiler to control Particulate emissions within permissible. Boiler stack monitoring carry out by Akshar Consultants in every Quarterly basis and report submit to GPCB. Find the attached Stack Monitoring report of Boiler as <u>Annexure -3</u>
iv.	Scrubber shall be provided to control process emissions viz. HCl & NH ₃ . 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, the emission level shall go beyond the prescribed standards.	<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.
v.	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	<ul style="list-style-type: none"> 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. Workplace monitoring for fugitive emission is being carried out by M/s. Gujarat Industrial safety & Health services on dated 06/11/2019 to 09/11/2019. Find the attached as <u>Annexure -4</u>
(vi)	Solvent management shall be carried out as follows :	
i	Chilled brine circulation system shall be provided to condensate solvent vapors and reduce solvent losses. It shall be ensured that solvent recovery should not be less than 95%.	System implemented.
ii	Reactor & solvent handling pump shall have mechanical seals to prevent leakages.	Mechanical seal pump provide for the Solvent Handling to prevent Leakages
iii	The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.	System implemented.
iv	Solvent shall be stored in a separate space specified with all safety measures.	Unit has provided dedicated solvent storage area with adequate Environmental & safety measures.

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V	Proper earthing shall be provided in all the electrical equipment whatever solvent handling is done.	Proper earthing is provided in all the electrical equipment and Jumpers are also provided at every Flange joints for solvent handling.
Vi	Entire plant shall be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses.	System implemented.
Vii	The gaseous emissions from DG Set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG Sets to mitigate the noise pollutions.	<ul style="list-style-type: none"> As per the CPCB guidelines, by using the equation viz. Stack height = $14 \cdot (Q)^{0.3}$ [where, Q is the emission rate of SO₂ in kg/hr.] and considering the emission factor of SO₂, the stack height required is 13.21 meter. However, we have provided the individual stack height of 20 meter. To Control noise pollution acoustic enclosure are provided. DG set is kept as a standby arrangement. <p>Regular Noise monitoring has been carried out by M/s. Akshar Consultants. Results is attached as <u>Annexure-5</u> and pasted below.</p>

Noise Monitoring report as Below:

Sr. No.	Locations	Average Reading (dB) – July -2019		Average Reading (dB) – Oct -2019	
		2.00 Pm to 2.30PM(day Time)	11.30 Pm to 11.55 AM (Night time)	3.15 Pm to 3.45 PM(day Time)	11.25 PM to 11.55 PM (Night Time)
1	Near Main Gate no. 1	60.3	53.4	64.5	54.2
2	Near main gate no -2	59.4	52.7	60.5	53.6
3	Near NE corner of Premises	63.7	51.8	64.1	52.7
4	Near SE corner of premises.	64.7	53.2	63.8	54.3
5	Near Boiler Area	74.4	64.7	73.9	63.8
6	Near ETP.	73.9	62.3	74.2	65.7
7	Near RM storage area	63.9	58.4	65.2	60.5
8	Near DG Set & Compressor room	72.9	63.2	73.7	58.6
9	Near Pump House	74.0	62.4	73.2	64.1
10	Near Administrative Building	63.3	56.4	64.4	62.9

Viii The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically, It shall simultaneously be sent to the Regional office of MOEF, the respective zonal office of CPCB and the GPCB. The levels of PM10, PM2.5, SO₂, NO_x, HCl, NH₃, VOC and CO in 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 is uploading in every six month the status of compliance of the stipulated environmental clearance conditions including results of monitored data on website. And update in every six month and simultaneously is sent to the Regional office of MoEF.
- Unit has provided two stage scrubber systems for control of process emission. However, if failure of APCM occurs manufacturing activities is being stopped in emergency & not restarted until the control measures are rectified to achieve the desired efficiency.
- Stacks monitoring for process stacks being carried out on Quarterly basis by GPCB approved third party and result being communicated to pollution control board on monthly basis.
- Stack monitoring is being carried out by M/s Akshar Consultants. It is also a MoEF recognized laboratory
- Copy of process stack monitoring, Work area monitoring report is attached as **Annexure. 6** In

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		<table> <tr> <th>Month</th><th>Quantity Discharge in garden per Month (KI)</th><th>Quantity Discharge in garden per Day (KI)</th></tr> <tr> <td>June -19</td><td>3964</td><td>132.1</td></tr> <tr> <td>July -19</td><td>4007</td><td>129.2</td></tr> <tr> <td>Aug-19</td><td>3865</td><td>124.6</td></tr> <tr> <td>Sept-19</td><td>4126</td><td>137.5</td></tr> <tr> <td>Oct-19</td><td>3608</td><td>116.3</td></tr> <tr> <td>Nov-19</td><td>4195</td><td>139.8</td></tr> </table>	Month	Quantity Discharge in garden per Month (KI)	Quantity Discharge in garden per Day (KI)	June -19	3964	132.1	July -19	4007	129.2	Aug-19	3865	124.6	Sept-19	4126	137.5	Oct-19	3608	116.3	Nov-19	4195	139.8
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xi	Process effluent/ any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Separate drainage provided for Process effluent and Storm Drain.																					
xii	Automatic / online monitoring system (24 X 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	<ul style="list-style-type: none"> Unit have maintain Zero liquid Discharge as per the existing consent no. AWH-76430 dated 12/02/2016 valid up to 09/01/2021. Only Treated sewage effluent is using for the gardening as per the existing consent. Treated Sewage Monitoring being done on Monthly basis through GPCB approved third party and being regularly submitted to GPCB & updated in company's website. Analysis Report attached as <u>Annexure-7.</u> 																					
xiii	Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	We do not have storage tanks for flammable chemicals. We have stored Chemicals in the drums, Carboys and properly stored in to solvent storage area with adequate safety measures.																					
xiv	As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/ cement industry.	<ul style="list-style-type: none"> We are complying and following SPCB norms as per CC & A. Process organic residue incinerate in own incinerator as per CC&A. ETP sludge, Evaporation Salt is being sent to common TSDF site of M/s Ecocare, Surendranagar and Incinerator ash also send to M/s. Eco care, surendranagar for land filling purpose as per the existing consent no. AWH – 76430 dated 12/02/2016 valid up to 09/01/2021 and as per the Hazardous waste rule 2016 																					
xv	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous waste, (Management, Handling & Trans- Boundary movement) Rules, 2008 and	<ul style="list-style-type: none"> Hazardous waste generates from site is being managed as per the existing consent No. AWH-76430 dated 12/02/2016 valid up to 09/01/2021. as per the Hazardous waste rule 2016, CC&A copy is attached as <u>Annexure-8</u> 																					


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	relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	valid up to 09/01/2021. Only Treated sewage effluent is using for the gardening as per the existing consent. <ul style="list-style-type: none"> Treated Sewage Monitoring being done on Monthly basis through GPCB approved third party and being regularly submitted to GPCB & updated in company's website. Analysis Report attached as <u>Annexure-7.</u>
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xv	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous waste, (Management, Handling & Trans- Boundary movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from GPCB shall be obtained for disposal of solid / hazardous waste in the TSDF,. Measures shall be taken for firefighting facilities in case of emergency, Membership of TSDF for hazardous waste disposal shall I be obtained.	<ul style="list-style-type: none"> Hazardous waste generates from site is being managed as per the existing consent No. AWH-76430 dated 12/02/2016 valid up to 09/01/2021. as per the Hazardous waste rule 2016, CC&A copy is attached as <u>Annexure-8</u> As a part of firefighting measures, we have fixed fire hydrant system with FH stand point, foam monitoring system & sprinkler system. Further we have also provided sufficient nos. of portable fire extinguisher in all technical & non-technical areas.
xvi	The company shall strictly comply with the rules and guidelines under manufacture, storage and import of hazardous chemicals, (MSIHC) Rules, 11989 as amended in Oct., 1994 and January, 2000. All Transportations of Hazardous chemicals shall be as per the Motor Vehicle Act (MVA) 1989.	Complied. The company is strictly comply with the rules and guidelines under manufacture, storage and import of hazardous chemicals, (MSIHC) Rules, 11989 as amended in Oct., 1994 and January, 2000. Unit

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		has followed strictly Motor vehicle Rules for transportation of Hazardous Chemicals.
XVII	Fly ash should be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash and dust should be avoided.	Unit has a separate close storage for fly ash and necessary safety and environmental precaution adheres during handling.
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 norms.	All necessary fire protectors are provided in work. Fire hydrant system, earthling provided throughout the premises.
xix	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<ul style="list-style-type: none"> The company is regularly monitoring health surveillance of all the employees on a yearly basis and six monthly bases which employees engaged in Onco API and general API and necessary records are being maintained. Last medical checkup for all company & contract employees has been carried out in September -2019 and. 100% employees were covered. Tests undertaken during the health survey are Pulse, BP high, BH low, HB, WBC, RBC, ESR, Alkaline phos., ECG Report etc. No employees has been found with any occupational abnormalities <p>The Test Report for occupational health along with details of tests undertaken during the health survey is pasted as bellow.</p>

Sr No.	Name	Age	Blood Pressure	Pulse	Hb	WBC	RBS	ESR	ECG Report
1	Amit R Shah	52	130/86mmhg	74/min	15.05	6500	4.96	2	Normal
2	Amit R Jain	39	120/90mmhg	72/min	14.06	7700	5.01	3	Normal
3	Rashmikant Parikh	49	130/80 mmhg	76/min	14.07	9200	4.86	2	Normal
4	Jitendra M Patel	43	110/70mmhg	76/min	15.08	7300	5.14	4	Normal
5	Chhatrasinh J Dod	36	110/80mmhg	74/min	16.02	9000	5.04	2	Normal

xx	<p>As proposed, green belt over 42,000 m2 land shall be developed within plant premises with at least 10 meter. wide green belt on all sides along the periphery of the project area, in down load direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.</p>	<p>Green Belt developed in 42,000 m2 land within Plant premises. Wide green belt developed on all side along with the periphery of the every manufacturing unit and warehouses.</p> <p>Listed trees developed in Unit Premises</p> <p>Golmor, Pipal , Rain tree, Pilto ,Conocarpus ,Kinjelia,Kodia, Nilgiri, Neem, Saru etc...</p> <p>Niligiri forest developed in premises and photograph pested below.</p>
	<div data-bbox="217 719 1469 1368"> <p style="text-align: center;"><i>Intas NILGIRI (Eucalyptus) Plants Forest - Matoda</i></p>  </div>	
xxi	<p>All the commitments made to the public during the public hearing / public consultation meeting held on 21st May, 2014 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhopal.</p>	<p>We will implement and submit the report to regional office at Bhopal.</p>
xxii	<p>At least 5% of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such programme should be ensured accordingly in a time bound manner.</p>	<p>We will follow the CSR guideline, we have already started the CSR activities and it will be submitted to regional office at Bhopal.</p>

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xxiii	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.	Not applicable of this point.
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.	<ul style="list-style-type: none"> The company is committed to follow all statutory requirements stipulated by SPCB/state government in Vide consent order NO. AWH-76430 dated 12/02/2016 valid up to 09/01/2021. Copy of CC&A Attached as <u>Annexure-9.</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 approved Akshar Consultants. Work area air monitoring also carry out by Akshar Consultants. Report for the same are attached separately as <u>Annexure-10</u>
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 - 11</u> for noise monitoring report. Noise monitoring is done by approved Akshar Consultants in every Quarter.

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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.	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste water and storm water drains.	We have already constructed garland drain to avoid mixing during material handling to avoid spillages & intermixing.
vii.	Usage of Personnel Protection Equipments 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	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 provided compulsory induction training to every new company & contract employee for EHS awareness. • Fire drill demonstration and awareness training provided to all department employee in every 02 months. • Environmental and safety mock drill conduct every 06 months for particular plant with various scenario. • During the environment day, safety week, fire day various training programme planned for awareness on the subject of safety, Health and Environment. • First aid training conducted every year through state government approved doctor and also in-house training Planned at every month by Factory Medical Officer.

ix	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.	<ul style="list-style-type: none"> • We will comply and implement all the environment protection measures as per EIA /EMP. • Risk Assessment details are covered in Safety Manual and On Site emergency plan is prepared & Update every year and submitted to office of Factory inspector
xi	The company shall undertake eco - developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Well functioned Separate CSR cell is established for the said activity
xii	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. Organogram 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. 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 - **Annexure -12**

xiii	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.	Funds allocated for implementation of Environmental management/pollution measures are not be diverted for any other purposes.
xiv	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.

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xv	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 will regular submit the six monthly reports on the status of compliance to respective regional office of MOEF /GPCB.
xvi	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> <ul style="list-style-type: none"> • Copy of Form V submitted to GPCB for the year 2018-19 , is attached for your ready reference as <u>Annexure -13</u>
xvii	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 and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	EC file no. J-11011/160/2013-IA II(I) issued by MoEF on year - 2013 .After receiving the EC advertisement for granted EC has been given in English News Paper Times of India(English) & Gujarati Newspaper Sandesh on dated 15/04/14 and also inform to ministry about advertisement through letter.
xviii	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 NUMBER	ITEM DICSRIPTION
1 (a)	EcoCare TSDF membership certificate.
1 (b)	EcoCare Undertaking
2	Public Hearing Advertisement
3	Stack Monitoring Report of Boiler
4	Work Place Monitoring – Form 37
5	Noise Monitoring Report
6	Process Stack monitoring Report
7	STP Analysis Report
8	CC&A copy
9	CC&A copy
10	Ambient Air Monitoring Report
11	Noise Monitoring report
12	EHS Organogram
13	Form – V Environment Statement
14	ETP Sludge & Incinerator Ash Analysis Report
15	Analysis report of treated Effluent
16	Stack monitoring report of Incinerator

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).

This membership is valid for a period of 3 years for Cell No.: 1 situated at
Survey No. 127, Village: Ghaspur, Tal.: Dasada, Dist.: Surendranagar.

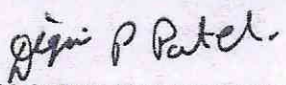
Membership No. : ECIPL-213

Membership Date : 07-01-2017

Membership Expired on : 06-01-2020

(Note: This membership is valid only for Cell No. 1)

FOR, ECO CARE INFRASTRUCTURES PVT. LTD.


(MANAGING DIRECTOR)

Annexure- 1 (B)

NUTAN NAGRIK SAHAKARI
BANK LTD.

भारत

STAMP DUTY
00000

SPECIAL ADHESIVE

UNDERTAKING
(On the Stamp Paper of Rs. 100/-)

Rs. 0000100 ≈ -4.1.2017

GUJ / SOS / AUTH / AV / 256 / 2009

INDIA

365457

GUJARAT

Zero*Zero*Zero*Zero*OneZero*Zero**

8640 4819455

To,

EcoCARE Infrastructures Private Limited

Survey No. - 127,

Village : Ghaspur,

Ta. : Dasada,

Dist. : Surendranagar - 382765

We, INTAS PHARMACEUTICALS LTD.

Situated at

Plot No 457/458, 1st Sankhej-Bawla highway, Matoda, Ah-38 is interested to become a member of Treatment,

Storage and Disposal Facility (TSDF), Cell No. 1 located at Survey No. 127, Village : Ghaspur for the disposal of solid waste generated from our unit. We are enclosing a ^{cheque} DD No. 452854/452855 dated 28/12/2016 for

Rs. 28,250 Rs. in Word Twenty Eight thousand two hundred only drawn on fifty Name of the bank _____ towards the Membership Fees in favour of

EcoCARE Infrastructures Private Limited, TSDF Cell No. 1 at Ghaspur (the expected operating life of which is 3 years) together with Membership Form duly filled, signed and stamped along with necessary enclosures.

We understand that our membership fees is applicable for the utilization of Cell No 1 only 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 and 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 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 failing which "EcoCARE Infrastructures Private Limited" will have 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 not become member of any other TSDF provider without the consent of the "EcoCARE Infrastructures Private Limited" and GPCB, and will comply with the rules/ regulations/ guidelines specified by you and/or CPCB/GPCB in this regard.
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 Ahmedabad Jurisdiction only.

Place :

Date :

Kalpesh M. Patel
Manager - EHS

Name and designation of Person signing


Signature with seal of the Unit

Following documents shall be sent along with application...

- 1) Notarized Undertaking on the Stamp Paper of Rs. 100/- duly signed and executed (as per draft)
- 2) Membership Form duly filled, signed and stamped.
- 3) ADD / RTGS Slip of Rs. 15000/- (For MSME), Rs. 20000.00 (For Pvt. Ltd.) Rs. 50000.00 (For Public Ltd.) + applicable service tax, drawn in favour of "EcoCARE Infrastructures Private Limited" towards the membership fees for Cell No. 1 only for the period of 3 years.
- 4) ADD / RTGS Slip of Rs. 5000/- + applicable service tax, drawn in favour of "EcoCARE Infrastructures Private Limited" towards the solid waste sample testing charges during membership.
- 5) A copy of the application made to GPCB for authorisation under Hazardous Waste Management and Handling Rules or a copy of the authorisation granted thereunder.
- 6) DIC Certificate (SSI/MSI/LSI)
- 7) Brief Manufacturing Process with Flow Diagram showing clearly the process/ operations where solid waste is generated.
- 8) A copy of analysis report of the solid waste to be disposed along with 500 gm solid waste.
- 9) A copy of Pan Card.
- 10) List of Directors / Proprietor/Partners along with address, contact number, email address on company letter pad.

Note :

- 1) At present, the dumping charges are Rs. 1500/- + Service Tax per MT of solid waste and for low density solid waste is Rs. 3000/- + Service Tax per MT
- 2) The unit shall to forward a DD / Cheque for dumping of solid waste in advance.
- 3) Loading, transportation and unloading are to be carried out by the unit member itself.

ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ

પર્યાવરણ ભવન, સેક્ટર ૧૦-એ, ગાંધીનગર - ૩૮૨૦૧૦.

ટેલી. ૦૭૯-૨૩૨ ૩૨૧૫૨ ફેક્સ : ૦૭૯-૨૩૨૨૨૭૮૪ www.gpcb.gov.in

જાહેર સૂચના

ભારત સરકારના વન અને પર્યાવરણ મંત્રાલય, નવી દિલ્હીના જાહેરનામા ક્રમાંક એસ.ઓ. ૧૫૩૩ તારીખ ૧૪-૦૯-૨૦૦૬ અન્વયે જણાવવાનું કે. મેસર્સ 'ઈન્ડિયા ફાર્માસ્યુટિકલ લિમિટેડ, પ્લોટ નં. ૪૫૭ અને ૪૫૮, સરખેજ બાવળા હાઇવે, ગામ: મટોડા, તા. સાણંદ, જી. અમદાવાદ દ્વારા બેલક ફગનું વિસ્તરણ-૬૩૦૦ કીલો/વાર્ષિક થી ૨૪૦૭૫ કીલો/વાર્ષિક માટેની પરિયોજના (પ્રોજેક્ટ), કેટેગરી 'એ' અંતર્ગત તેઓની અરજી અન્વયે પર્યાવરણીય લોકસુનાવણી આયોજિત કરવામાં આવેલ છે.

લોકસુનાવણીની પ્રક્રિયાના ભાગરૂપે લાગતાવળગતા સ્થાનિક અસરગ્રસ્ત લોકોનું ધ્યાન દોરીને તેઓને સદર લોકસુનાવણી દરમિયાન હાજર રહેવા અથવા તેઓની ટીકા-ટિપ્પણી લેખિતમાં સભ્ય સચિવશ્રી, ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડને મોકલવા વિનંતી છે.

રસ ધરાવતી અન્ય વ્યક્તિઓને પણ તેઓની ટીકા-ટિપ્પણી લેખિતમાં પર્યાવરણ સુનાવણીની તારીખ પહેલા લેખિતમાં સભ્ય સચિવશ્રી ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડને મોકલવા વિનંતી છે.

અત્રે ઉલ્લેખનીય છે કે, પ્રોજેક્ટના ઇઆઈએ- (એન્વાયરમેન્ટ ઇમ્પેક્ટ એસેસમેન્ટ) અહેવાલના મુસદ્દાની પ્રત તથા એન્વાયરમેન્ટ ઇમ્પેક્ટ એસેસમેન્ટનો સંક્ષિપ્ત અહેવાલની પ્રત નીચે દર્શાવેલ ઓથોરિટી/કાર્યાલયો ખાતે કામકાજના દિવસો દરમિયાન લોકસુનાવણીના દિન સુધી નિહાળી શકાશે.

૧. જિલ્લા કલેક્ટરશ્રીની કચેરી, અમદાવાદ
૨. જિલ્લા વિકાસ અધિકારીની કચેરી, અમદાવાદ
૩. જિલ્લા ઉદ્યોગ કેન્દ્ર, અમદાવાદ
૪. તાલુકા વિકાસ અધિકારીની કચેરી, તા. સાણંદ, જી. અમદાવાદ.
૫. મુખ્ય વન સંરક્ષકશ્રી, પર્યાવરણ અને વન મંત્રાલય ભારત સરકારની પ્રાદેશિક કચેરી (પશ્ચિમ ઝોન), કેન્દ્રીય પર્યાવરણ ભવન, ઈ-૫, અરેરા કોલોની, લીન્ક રોડ-૩, ૨વીશંકર કોલોની, ભોપાલ - ૪૬૨૦૧૬.
૬. પ્રાદેશિક કચેરી, અમદાવાદ (ગ્રામ્ય),

ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ, પર્યાવરણ ભવન, સેક્ટર ૧૦-એ, ગાંધીનગર - ૩૮૨૦૧૦.

જિલ્લા કલેક્ટર/ જિલ્લા મેજિસ્ટ્રેટ / કેપ્યુટી કમિશ્નર અથવા તેઓના / તેણીના પ્રતિનિધિ કે જેનો હોદ્દો અધિક જિલ્લા મેજિસ્ટ્રેટથી ઉતરતી કક્ષાનો ન હોય, તેવી વ્યક્તિ સદર લોકસુનાવણીની કામગીરીનું દેખરેખ અને સંચાલન કરશે

લોકસુનાવણીની તારીખ : ૨૧-૦૫-૨૦૧૪ના રોજ ૧૧-૦૦ કલાકે, 'આસ્થા' સોસાયટી ફોર ધ વેલ્ફેર ઓફ ધ મેન્ટલી રીટાર્ડેડ, બ્લોક નં. ૩૦૨, પંચરત્ન ઈન્ડસ્ટ્રીયલ એસ્ટેટ, લક્ષ્મીનારાયણ પેટ્રોલ પંપ પાસે, નેશનલ હાઇવે નં. ૮-એ, ચાંગોદર, તા. સાણંદ, જી. અમદાવાદ ખાતે યોજવામાં આવેલ છે.

સ્થળ : ગાંધીનગર

તા. : ૦૭-૦૪-૨૦૧૪

હાર્દિક શાહ

સભ્ય સચિવ

Annexure-3



**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/19-20/241

Date : 16-07-2019

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 12-07-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 40 AM
SAMPLING LOCATION	: Stack attached to 10 TPH Steam boiler.	FUEL USED : Imported Coal

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	147.00
Stack gas velocity (m./sec.)	8.34
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.69
Wt. of PM collected (mg.)	99.33

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	143.96	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		78.91	100 ppm
Nitrogen Di-oxide (NO ₂)		3.13	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)

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



**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/19-20/242

Date : 16-07-2019

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 12-07-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 25 AM
SAMPLING LOCATION	: Stack attached to Old Steam boiler.	FUEL USED : Agro Waste.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	134.00
Stack gas velocity (m./sec.)	6.09
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.57
Wt. of PM collected (mg.)	75.30

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	132. 10	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		21. 80	100 ppm
Nitrogen Di-oxide (NO ₂)		2. 60	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)

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



**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/19-20/458

Date : 09-10-2019

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-10-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 45 AM
SAMPLING LOCATION	: Stack attached to 10 TPH Steam boiler.	FUEL USED : Imported Coal

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	124.00
Stack gas velocity (m./sec.)	7.57
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.57
Wt. of PM collected (mg.)	80.91

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	141.95	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		75.80	100 ppm
Nitrogen Di-oxide (NO ₂)		3.16	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)

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



**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/19-20/459

Date : 09-10-2019

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-10-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 30 AM
SAMPLING LOCATION	: Stack attached to Old Steam boiler.	FUEL USED : Agro Waste.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	185.00
Stack gas velocity (m./sec.)	5.74
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.48
Wt. of PM collected (mg.)	67.66

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	140.96	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		18.86	100 ppm
Nitrogen Di-oxide (NO ₂)		2.56	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)

Annexure - 4

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	2	3	4	5	6	7	8	9	10	11	12	
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.SINGHIA	A.S.SINGHIA	
		PM 10			20.43 µg/ m ³	20.43 µg/ m ³	60 µg/ m ³				MAHUK PANCHAL	MAHUK PANCHAL	
		SO ₂			BDL	BDL	50 µg/ m ³				MITUL PATEL	MITUL PATEL	
		NO ₂	Gaseous Air Sampler		BDL	BDL	40 µg/ m ³				KRUNAL PATEL	KRUNAL PATEL	
		Ammonia (NH ₃)	2.30 µg/ m ³		2.30 µg/ m ³	100 µg/ m ³	VISHAL B. PATEL				VISHAL B. PATEL		
		Stannic Chloride	BDL		BDL	--							
		Methylene Di Chloride	BDL		BDL	15 ppm							

Note: BDL = Below Detectable Limit

VISHAL B. PATEL

COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)

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: 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	2	3	4	5	6	7	8	9	10	11	12	
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.SISOODIA	A.S.SISOODIA	
		PM 10			23.70 µg/ m ³	23.70 µg/ m ³	60 µg/ m ³				MAULIK PANCHAL	MAULIK PANCHAL	
		SO ₂	Gaseous Air Sampler		BDL	BDL	50 µg/ m ³				MITUL PATEL	MITUL PATEL	
		NO ₂			BDL	BDL	40 µg/ m ³				KRUNAL PATEL	KRUNAL PATEL	
		Ammonia (NH ₃)			3.97 µg/ m ³	3.97 µg/ m ³	100 µg/ m ³				VISHAL S. PATEL	VISHAL B. PATEL	
		Stannic Chloride			BDL	BDL	--						
		Methylene Di Chloride			BDL	BDL	15 ppm						

Note: BDL= Below Detectable Limit

VISHAL B. PATEL
COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)
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: 07.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

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	2	3	4	5	6	7	8	9	10	11	12
1	Block-A Powder Process Room	PM 2.5	Fine Dust Sampler	1	15.85 µg/ m ³	15.85 µg/ m ³	40 µg/ m ³	Standard Method	02	-	A.S.BHODYA	A.S.BHODYA
		PM 10			33.48 µg/ m ³	33.48 µg/ m ³	60 µg/ m ³				MAHUK PANCHAL	MAHUK 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	
		Methanol	10.77 ppm		10.77 ppm	2000 ppm	VISHAL B. PATEL				VISHAL B. PATEL	
		Methylene Di Chloride	BDL		BDL	15 ppm						
		Ethyle Acetate	5.44 ppm		5.44 ppm	400 ppm						

Note: BDL= Below Detectable Limit

VISHAL S. PATEL
COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)
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: 07.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

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	2	3	4	5	6	7	8	9	10	11	12
1	Block-A FF Process Room-13	PM 2.5	Fine Dust Sampler	3	09.69 µg/ m ³	09.69 µg/ m ³	40 µg/ m ³	Standard Method	04	—	A.S.SISOIYA	A.S.SISOIYA
		PM 10			20.34 µg/ m ³	20.34 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	
		Methanol	3.16 Ppm		3.16 ppm	2000 ppm	VISHAL B. PATEL 08/08/2024				VISHAL B. PATEL	VISHAL B. PATEL
		Methylene Di Chloride	BDL		BDL	15 ppm						
		Ethyle Acetate	6.24 ppm		6.24 ppm	400 ppm						

Note: BDL = Below Detectable Limit

VISHAL B. PATEL
COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO:- GUJ/DISH/CPT/A/0521/2015

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

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Name of the Department / Plant: - M/s. Intas Pharmaceuticals Ltd.
Plot No. 457-458,191, Sarkhej-Bavla Road
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Date of Monitoring: 07.11.2019

Date of Report: 12.11.2019

1. Particulars of sampling.

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	2	3	4	5	6	7	8	9	10	11	12
1	Block-A SF	PM 2.5	Fine Dust Sampler	3	7.80 µg/ m ³	7.80 µg/ m ³	40 µg/ m ³	Standard Method	01	-	A.S SHODIYA	A.S.SHODIYA
		PM 10			11.60 µg/ m ³	11.60 µg/ m ³	60 µg/ m ³				MAULIK PANCHAL	MAULIK PANCHAL
		SO2			BDL	BDL	50 µg/ m ³				MITUL PATEL	MITUL PATEL
		NO2	BDL		BDL	40 µg/ m ³	KRUNAL PATEL				KRUNAL PATEL	
		Methylene Di Chloride	BDL		BDL	15 ppm	VISHAL B. PATEL				VISHAL B. PATEL	
		Methanol	5.80 Ppm		5.80 ppm	2000 ppm						
		Ethyle Acetate	1.20 ppm		1.20 ppm	400 ppm						

Note: BDL= Below Detectable Limit

VISHAL B. PATEL
COMPETENT PERSON DECLARED BY DIRECTOR (TFH & CONFINED SPACE)
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/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. 457, 458, Sarkhej Bavla Highway,
Vil. : Motoda - 382 210,
Dist. : Ahmedabad.

Date : 12-07-2019

Sr. No.	LOCATIONS	AVERAGE READING (dB)	
		03:15 PM to 03:45 PM (day time)	11:25 PM to 11:55 PM (night time)
01	Near main gate no.1.	60.3	53.4
02	Near main gate no. 2.	59.4	52.7
03	Near NE corner of premises.	63.7	51.8
04	Near SE corner of premises.	64.7	53.2
05	Near boiler house.	74.4	64.7
06	Near ETP.	73.9	62.3
07	Near RM storage area.	63.9	58.4
08	Near administration building.	63.3	56.4
09	Near pump house.	74.0	62.4
10	Near DG set & compressor room	72.9	63.2

Measured by,

(Analyst)

For AKSHAR CONSULTANTS,

(AUTHORISED SIGNATORY)

Noicana



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

704 & 813, Sakar-5, Nr. Mithakhali Railway Crossing, Off Ashram Road, Ahmedabad - 380 009. Tel/Fax : (079) 28583525

INSTANTANEOUS NOISE LEVEL MONITORING REPORT

Name of Company : Intas Pharmaceuticals Ltd.

Address : Plot No. 457, 458, Sarkhej Bavla Highway,
Vil. : Motoda - 382 210,
Dist. : Ahmedabad.

Date : 04-10-2019

Sr. No.	LOCATIONS	AVERAGE READING (dB)	
		02:00 PM to 02:30 PM (day time)	11:30 PM to 11:55 PM (night time)
01	Near main gate no.1.	64.5	54.2
02	Near main gate no. 2.	60.5	53.6
03	Near NE corner of premises.	64.1	52.7
04	Near SE corner of premises.	63.8	54.3
05	Near boiler house.	73.9	63.8
06	Near ETP.	74.2	65.7
07	Near RM storage area.	65.2	60.5
08	Near administration building.	64.4	58.6
09	Near pump house.	73.2	64.1
10	Near DG set & compressor room	73.7	62.9

Measured by,

(Analyst)

For AKSHAR CONSULTANTS,

(AUTHORISED SIGNATORY)

No/cana



**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/19-20/244

Date : 16-07-2019

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 12-07-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 12 : 00 Noon
SAMPLING LOCATION	: Vent attached to reaction vessel of API Plant.	

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER		CONCENTRATION	GPCB Limit
		mg/Nm ³	mg/Nm ³
Particulate Matter	(PM)	Nil	150.00
Sulphur Di-oxide	(SO ₂)	12.36	40.00
Oxides of Nitrogen	(NO _x)	4.10	25.00

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/19-20/245

Date : 16-07-2019

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 12-07-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 30 PM
SAMPLING LOCATION	: Vent attached to reaction vessel of API Plant.	

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
Particulate Matter	(PM)	Nil	150.00
Sulphur Di-oxide	(SO ₂)	11.45	40.00
Oxides of Nitrogen	(NO _x)	3.80	25.00

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

ANALYSED BY,

FOR AKSHAR CONSULTANTS,

(Analyst)

(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/19-20/461

Date : 09-10-2019

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-10-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 12 : 10 PM
SAMPLING LOCATION	: Vent attached to reaction vessel of API Plant.	

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm ³	mg/Nm ³
Particulate Matter (PM)	Nil	150.00
Sulphur Di-oxide (SO ₂)	11.60	40.00
Oxides of Nitrogen (NO _x)	3.95	25.00

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/19-20/462

Date : 09-10-2019

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-10-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 12 : 50 PM
SAMPLING LOCATION	: Vent attached to reaction vessel of API Plant.	

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
Particulate Matter (PM)	Nil	150.00
Sulphur Di-oxide (SO ₂)	13. 70	40.00
Oxides of Nitrogen (NO _x)	3. 95	25.00

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

ANALYSED BY,

FOR AKSHAR CONSULTANTS,

(Analyst)

(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) 25583525

Ref. No. AC/EFF/19-20/144

Date : 23-11-2019

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 18-11-2019.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.23	6.5 – 9.0
2	Total Suspended Solids	15.00	20.00
3	Ammonical Nitrogen	1.35	5.00
4	Total Nitrogen	2.95	10.00
5	COD	26.00	50.00
6	BOD	7.00	10.00

Note : All parameters except pH are expressed in mg/L.

ANALYSED BY,

S. Trivedi

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(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

Ref. No. AC/EFF/19-20/116

Date : 10-10-2019

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 04-10-2019.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.34	6.5 – 9.0
2	Total Suspended Solids	16.00	20.00
3	Ammonical Nitrogen	1.50	5.00
4	Total Nitrogen	3.10	10.00
5	COD	24.00	50.00
6	BOD	8.00	10.00

Note : All parameters except pH are expressed in mg/L.

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Ref. No. AC/EFF/19-20/091

Date : 10-09-2019

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 03-09-2019.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.41	6.5 – 9.0
2	Total Suspended Solids	17.00	20.00
3	Ammonical Nitrogen	1.10	5.00
4	Total Nitrogen	2.60	10.00
5	COD	18.00	50.00
6	BOD	6.00	10.00

Note : All parameters except pH are expressed in mg/L.

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

Ref. No. AC/EFF/19-20/073

Date : 08-08-2019

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 02-08-2019.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.44	6.5 – 9.0
2	Total Suspended Solids	16.00	20.00
3	Ammonical Nitrogen	1.05	5.00
4	Total Nitrogen	2.40	10.00
5	COD	12.00	50.00
6	BOD	5.00	10.00

Note : All parameters except pH are expressed in mg/L.

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

Ref. No. AC/EFF/19-20/058

Date : 18-07-2019

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 12-07-2019.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.40	6.5 – 9.0
2	Total Suspended Solids	18.00	20.00
3	Ammonical Nitrogen	1.15	5.00
4	Total Nitrogen	2.85	10.00
5	COD	8.00	50.00
6	BOD	3.00	10.00

Note : All parameters except pH are expressed in mg/L.

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

Ref. No. AC/EFF/19-20/041

Date : 25-06-2019

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 19-06-2019.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.11	6.5 – 9.0
2	Total Suspended Solids	16.00	20.00
3	Ammonical Nitrogen	1.65	5.00
4	Total Nitrogen	4.30	10.00
5	COD	24.00	50.00
6	BOD	8.00	10.00

Note : All parameters except pH are expressed in mg/L.

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



Provisional Consent Order (CCA)

Consent No. AWH-104773 Valid upto: 09/01/2021

Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A,
Gandhinagar - 382010
Tele : 23222756

Application : CtO:CCA-Ammendment, No. 164106 Dt. 07/09/2019, Granted On: 24/10/2019

PCB Id:11738

Besides streamlining and simplifying of regulatory regime, Gujarat Pollution Control Board has taken initiative in from of introduction of Consolidated Consent and Authorization (CC&A) which provides for a one shot application and clearance of the consents under Water Act, Air Act and Authorization under Hazardous Wastes Rules for a period of 5 years. Board issues consolidated consent and Authorization to an industrial unit for operation of plant/carrying out industrial activity specifying following conditions.

Consolidated Consent and Authorisation

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) Act-1981 and Authorization under rule 3(c) & 5(5) of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules' 2008 framed under the E(P) Act-1986. And whereas Board has received consolidated Application No. (CtO:CCA-Ammendment) 164106 and Dated 07/09/2019 for the consolidated consent and authorization (CC&A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted as under.

CONSENT AND AUTHORISATION : (under the provisions / rules of the aforesaid environmental acts)

To,
M/s. Intas Pharmaceuticals Ltd.,
PLOT NO: 457,458, VILL: MATODA,
BAVLA ROAD, City : MATODA,
Dist : ABD(R-Sanand), Tal : ABD(R-Sanand), SIDC : Not In Gide
Phone : 7046076803

1. Consent Order No: **AWH-104773** Valid Upto: **09/01/2021**
2. All Conditions under the AIR ACT-1981 WATER ACT-1974 HAZARDOUS ACT-2008 shall be Applicable to you as mentioned in the detailed Consent Order ***
Consented CETP: **Not Linked to any CETP**
Consented TSDF: **Eco Care Infrastructures Pvt Ltd [48212]**

3. GENERAL CONDITIONS :-

- a) This order is provisional order and detailed order is considered as final.
- b) All the conditions & provisions under the Water Act 1974, the Air Act 1981 and the Environment (Protection) Act - 1986 and the rules made there under shall be complied with *.
- c) All the conditions & provisions under the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules 2008 as amended shall be complied
- d) 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. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- e) 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 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.
- f) In case of change of ownership/management the name and address of the new owners/ partners/ directors/ proprietor or equipment or working conditions as mentioned in the consents form / order should immediately be intimated to the Board.
- g) Industry shall have to display data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous wastes generated within the factory premises.
- h) The CCA shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- i) Any unauthorized change in personnel, equipment or working conditions as mentioned in the CCA order by CCA holder shall constitute a breach of this CCA.
- j) Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is atleast 1000 trees per acre of land and a green belt of 5 meters width is developed.
- k) The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.

*** Note : ACT-Specific, Industry-specific, Area-specific Conditions alongwith Product, Waste water effluent details shall be precisely mentioned in the DETAILED Consent Order.

*** Note : This is only provisional communication. The final Consent/Authorization in hard copy with duly signed by competent authority shall be the final and valid Consent/Authorization.

For and on behalf of
Gujarat Pollution Control Board

(Member Secretary)



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

AMENDMENT OF CONSENT TO ESTABLISH (CTE)

NO.GPCB/CCA/ABD-3(6)/ID-11738/ 510071

dt: 15/06/19

To,
✓ M/S. INTAS PHARMACEUTICALS LTD.
PLOT NO: 457, 458, BAVLA ROAD,
VILL: MATODA - 382210,
TAL: SANAND, DIST: AHMEDABAD.

Sub: - Amendment in Consent to Establish (CTE).

Ref: -1. Your CTE Amendment Application Inward No. 157384 dated 09/05/2019.

2. This Board has issued CCA Amendment vide letter NO: GPCB/ ID-11738/CCA-ABD-GEN-3(6)/410947 dated: 01/05/2017.

Sir,

The Board has issued CCA Amendment vide letter NO: GPCB/ ID-11738/CCA-ABD-GEN-3(6)/410947 dated: 01/05/2017 accordingly CTE is amended as under.

1. The product quantity shall remain unchanged as under.

Sr. No.	Name of Products	Existing Qty	Proposed Qty	Total Qty
1	Tablet	6000 Lacs No./Month	2000 Lacs No./Month	8000 Lacs No./Month
2	Capsules	200 Lacs No./Month	100 Lacs No./Month	300 Lacs No./Month
3	Vials	6 Lacs No./Month	4 Lacs No./Month	10 Lacs No./Month
4	Ampoules	40 Lacs No./Month	Nil	40 Lacs No./Month
5	Onitment/Cream	Nil	1 Lacs No./Month	1 Lacs No./Month
6	Gemcitabine HCL	100 Kg/Month	Nil	100 Kg/Month
7	Capacitabine	1666.66 Kg/Month	Nil	1666.66 Kg/Month
8	Imatinib Mesylate	100 Kg/Month	Nil	100 Kg/Month
9	Decetaxel	8.32 Kg/Month	Nil	8.32 Kg/Month
10	Paclitaxel	12.5 Kg/Month	Nil	12.5 Kg/Month
11	Carbazitaxel	4.16 Kg/Month	Nil	4.16 Kg/Month
12	Decitabine	2.08 Kg/Month	Nil	2.08 Kg/Month
13	Azacitidine	8.33 Kg/Month	Nil	8.33 Kg/Month
14	Earlotinib HCL	25 Kg/Month	Nil	25 Kg/Month
15	Sorafenib Tosylate	25 Kg/Month	Nil	25 Kg/Month
16	Lapatinib Detosylate mono hydrate	25 Kg/Month	Nil	25 Kg/Month
17	Methptrexate	29.16 Kg/Month	Nil	29.16 Kg/Month

Specific Condition:

1. Unit shall not extract ground water without getting prior permission from CGWA.

3

2. Unit shall provide following common facility/equipment for Intas Pharmaceuticals Ltd (ID-11738) and its sister concern (ID-37006) at plant no. 457/458 & 191:

Sr. No.	Name of Equipment/ Plant	Qty	Capacity
1	Paddle Dryer	1 No.	50 Kg/Hr
2	Decanter	1 No.	5 KL/Hr
3	Incinerator	1 No.	(300 Solid + 100 Liquid) Kg/Hr
4	ETP RO Plant	2 (1 st stage)	300 KL/Day
		1 (2 nd stage)	300 KL/Day
5	Utility washes RO Plant (high pressure)	2 (1 st & 2 nd stage)	375 KL/Day
6	High TDS MEE	1 No.	100 KL/Day
7	Sludge Storage Shed	1	50 MT
8	Chemical Storage Shed	1	20 MT
9	Boiler	1 No.	10 Ton
10	RO & MEE permeate water	--	3000 TR in CT of both plot

3. Decanter centered + formulation ETP filter back washes approx 50 KL/Day treated in API-2 (ID-37006) ETP.

CONDITIONS UNDER WATER ACT 1974:

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

		Water Consumption	Waste water generation
Industrial	Existing	299 KL/Day	353 KL/Day
	Proposed	716 KL/Day	92 KL/Day
	Total	1015 KL/Day	445 KL/Day
Domestic	Existing	212 KL/Day	158 KL/Day
	Proposed	118 KL/Day	142 KL/Day
	Total	330 KL/Day	300 KL/Day

3. Unit shall provide following STP units as proposed in application.

Sr.No.	NAME OF UNIT	CAPACITY
1	Raw Water Tank	--
2	Coagulation Dosing Tank	0.1 KL
3	Flocculation Dosing Tank	0.1 KL
4	Primary Settling Tank	18.72 KL
5	PVA Gel Tank	40.5 KL
6	Anoxic Tank	39 KL
7	Activated sludge Tank	18.75 KL
8	Secondary settling Tank	14.97 KL
9	Filter Feed Tank	40 KL
10	Chlorine Dosing Tank	0.1 KL
11	Multi Grade Filter	2.48 KL
12	Activated Carbon Filter	2.48 KL
13	Sludge Holding Tank	51 KL
14	Filter Press	--
15	Decanter	--
16	Paddle Dryer	--

4. The quantity of industrial effluent from the factory shall not exceed 445 KL/Day.
 5. The quantity of domestic waste water from the factory shall not exceed 300 KL/Day.
 6. The generated industrial effluent shall be treated in Effluent Treatment Plant and after treatment treated waste water shall be pass through RO Unit.
 7. RO permeate water 370 KL/Day shall be reused in cooling tower and steam boiler after conforming following standards:

PARAMETERS	GPCB NORMS
pH	6.5 to 8.5
Temperature	40°C
Color (Pt.Co.scale)	100 Unit



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

Suspended solids	100mg/l
Oil & Grease	10 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
Sulphides	2 mg/l
Sodium Absorption ratio	26

8. RO reject waste water 75 KL/Day shall be treated in high pressure RO after sent to MEE & ATFD for further treatment. Thus, unit shall maintain zero liquid discharge.
9. The generated domestic waste water shall be treated in Sewage Treatment Plant and after treatment treated waste water shall be used for plantation/gardening after conforming following standards:

SR. NO.	Parameters	Permissible Limit
1	pH	6.5-9.0
2	BOD (mg/l)	Less than 30
3	Total Suspended Solids (mg/l)	Less than 100

CONDITIONS UNDER THE AIR ACT 1981:

10. The following shall be used as fuel.

Sr. No.	Fuel	Existing Qty	Proposed Qty	Total Qty
1	Imported Coal/Agro Waste	30 MT/Day	25 MT/Day	55 MT/Day
2	HSD	1.123 KL/Day	1.627 KL/Day	2.75 KL/Day

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

12. 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	Steam Boiler - (10 TPH) (Existing)	38	Multi-Cyclone followed by Bag filter	Particulate Matter	150 mg/NM ³
2	Steam Boiler - (3 TPH) 2 Nos. (Existing)	35	Multi Cyclone	SO ₂	100 ppm
3	Common Stack of Steam Boilers -10 TPH, 2 nos. (Proposed) (to replace sr. no. 2)	38	ESP	NO _x	50 ppm
4	D.G. Set - 2 Nos. (each 650 KVA) (Existing)	11	Acoustic Enclosure		

5	D.G. Set - 3 Nos. (each 1010 KVA) (Existing)	11	Acoustic Enclosure	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
6	D.G. Set - 2 Nos. (each 1010 KVA) (Existing)	11	Acoustic Enclosure		

13. The process 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	Process vent 1 attached to condenser of reactors (Existing)	13	Water Ventury Scrubber followed by a packed column caustic scrubber	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 40 mg/NM ³ 25 mg/NM ³
2	Process vent 2 attached to condenser of reactors (Existing)	13	Water Ventury Scrubber followed by a packed column caustic scrubber		
3	Solid waste/ liquid incinerator (Existing)	30	Quenching tank following by Ventury scrubber followed by wet scrubber	PM HCl SO ₂ CO NH ₃	50 mg/NM ³ 50 mg/NM ³ 200 mg/NM ³ 100 mg/NM ³ 175 mg/NM ³
4	Solid waste/ liquid incinerator (Proposed) (to replace sr. no. 3 above)	30	Cooler followed by cyclone separator followed by Ventury scrubber followed by packed bed scrubber	CO TOC HF NO _x Total Dioxin & Furan CD+/Th + their compound Hg & its compound Sb+As+Pb+Cr+Co+ Cu+Mn+Ni+V++th eir compound	50 mg/NM ³ (30 Min) 20 mg/NM ³ 4 mg/NM ³ 400 mg/NM ³ 0.1 ng TFQ/NM ³ 0.05 mg/NM ³ 0.05 mg/NM ³ 0.5 mg/NM ³

14. Stack monitoring facilities like port hole, platform/ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.
15. Ambient air quality within the premises of the industry shall conform to the following standards:-

PARAMETERS	PERMISSIBLE LIMIT Annual	PERMISSIBLE LIMIT 24 hrs. Average
Particulate Matter ₁₀	60 Microgram/M ³	100 Microgram/M ³
Particulate Matter _{2.5}	40 Microgram/M ³	60 Microgram/M ³
SO ₂	50 Microgram/M ³	80 Microgram/M ³
NO _x	40 Microgram/M ³	80 Microgram/M ³

16. All the other conditions of the CCA Amendment issued vide letter NO: GPCB/ ID-11738/CCA-ABD-GEN-3(6)/410947 dated: 01/05/2017 shall remain unchanged.

For and on behalf of
Gujarat Pollution Control Board,

(G. V. Patel)

ENVIRONMENTAL ENGINEER

Copy to: R.O. Ahmedabad - Rural for information & necessary action.



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

AMENDMENT OF CONSOLIDATED CONSENT AND AUTHORIZATION (C C & A) R.P.A.D

NO.GPCB/ID -11738/CCA-ABD-GEN-3(6)/ 410947

DT * 11/5/2017

To,
M/S. INTAS PHARMACEUTICALS LTD,
PLOT NO: 457, 458, MATODA-BAVLA ROAD,
VILL: MATODA,
TAL: SANAND, DIST: AHMEDABAD.

Sub: - Amendment to Consolidated Consent & Authorization

- Ref: 1. This Board has issued CTE vide letter No: PC/GPCB/ID-11738/CCA-ABD-GEN-3/24532 dated 10/09/2007.
2. This Board has issued CCA Amendment vide letter NO: PC/GPCB/ID-11738/CCA-ABD-GEN-3/147101 dated 15/05/2013.
3. This Board has issued CTE Amendment vide letter No: PC/GPCB/ID-11738/CCA-ABD-GEN-3(3)/204438 dated 21/10/2014.
4. This Board has Issued CCA Amendment vide letter No: PC/GPCB/ID-11738/CCA-ABD-GEN-3(4)/229254 dated 21/10/2014.
5. This Board has issued CCA vide letter No: PC/GPCB/ID-11738/CCA-ABD-GEN-3(4)/348904 dated 17/03/2016.
6. This Board has CTE Amendment vide letter No: PC/GPCB/ID-11738/CCA-ABD-GEN-3(5)/402110 dated 23/01/2017.
7. Your CCA Amendment Application No: 118622 dated 13/02/2017.

Sir,

The CCA order No. AWH-76430 dated 12/02/2016 issued vide letter No. PC/GPCB/ID-11738/CCA-ABD-GEN-3(4)/348904 dated 17/03/2016 is amended as under.

Sr No	Product	Total Quantity
1	Gemcitabine HCL	1200 Kg/Annum
2	Capacitabine	20, 000 Kg/Annum
3	Imatinib Mesylate	1200 Kg/Annum
4	Decetaxel	100 Kg/Annum
5	Paclitaxel	150 Kg/Annum
6	Carbazitaxel	50 Kg/Annum
7	Decitabine	25 Kg/Annum
8	Azacitidine	100 Kg/Annum
9	Earlotinib HCL	300 Kg/Annum
10	Sorafenib Tosylate	300 Kg/Annum
11	Lapatinib Detosylate mono hydrate	300 Kg/Annum
12	Methptrexate	350 Kg/Annum

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2

CONDITIONS UNDER THE WATER ACT:

2.1

The water consumption and waste water generation shall be as under:

	Water Consumption	Waste water generation
Industrial	314 KL/Day	353 KL/Day
Domestic	212 KL/Day	158 KL/Day

2.2

The quantity of trade effluent from the factory shall not exceed 353 KL/Day.

2.3

The quantity of sewage effluent from the factory shall not exceed 158 KL/Day.

2.4

The industrial effluent shall conform to the following standards before reuse in cooling tower/Boiler and other ancillary operation.

PARAMETERS	GPCB NORMS
PH	6.5 to 8.5
Temperature	40° C
Color(Pt.Co.scale)	100 Unit
Suspended solids	100mg/l
Oil & Grease	10 mg/l
BOD (3 days at 25 C)	30mg/l
COD	100 mg/l
Chloride	600 mg/l
Sulphates	1000 mg/l
Total Dissolved Solids	2100 mg/l
Sulphides	2 mg/l
Total Dissolved solids	2100 mg/l
Sodium absorption ratio	26

2.5

Industrial effluent after treatment shall be passed through RO plant and shall be managed as below.

A) 314 KL/Day RO permeate shall be reuse in cooling tower /Boiler and other ancillary operation.

b) RO reject shall be completely evaporated in multy effect evaporator (MEE).

2.6

Sewage effluent after confirming to following standards shall be used for plantation/ gardening within premises.

SR No	Parameters	Permissible Limit
1	pH	6.5 – 9.0
2	BOD (mg/l)	Less than 10
3	COD (mg/l)	Less than 50
4	Total Suspended Solids (mg/l)	Less than 20
5	NH4-N (mg/l)	Less than 5
6	N-total (mg/l)	Less than 10

3.

CONDITIONS UNDER THE AIR ACT 1981:

3.1

The following shall be used as fuel.

Sr NO	Fuel	Total
1	Imported Coal/Agro Waste	30 MT/Day
2	HSD	1.123/Day

3.2

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

(Signature)



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

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Fax : (079) 23232156

Website : www.gpcb.gov.in

- 3.3 The flue gas emission through stack attached to furnace/AOD Converter/D.G.Set shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	Steam Boiler-10 TPH	38	Multi Cyclone followed by Bag Filter	Particulate matter	150 mg/NM3
2	Steam Boiler-3 TPH	35	Multi Cyclone	SO2	100 ppm
3	D.G.Set -2 Nos. (each 650 KVA)	11	Acoustic Enclosure	NOx	50 ppm
4	D.G.Set-2 Nos. (each 1010 KVA)	11	Acoustic Enclosure		

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

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	Process Vent 1 attached to condenser of reactor	13	Water Ventury Scrubber followed by a packed column caustic Scrubber	Particulate matter	150 mg/NM3
2	Process vent 2 attached to condenser of reactor	13	Water Ventury Scrubber followed by a packed column caustic Scrubber	SO2	40 mg/NM3
3	Solid Waste Incinerator	35	Quenching tank followed by ventury scrubber followed by wet scrubber	NOx	25 mg/NM3
4	Solid Waste/Liquid Incinerator	30	Quenching tank followed by ventury scrubber followed by wet scrubber	PM	50 mg/NM3
				HCL	50 mg/NM3
				SO2	200 mg/NM3
				CO	100 mg/NM3
				NH3	175 mg/NM3
				CO	50 mg/NM3 (30 Min)
				TOC	20 mg/NM3
				HF	4 mg/NM3
				Total Dioxine & Furan	0.1 ng TFQ /NM3
				CD+/Th + their compound	0.05 mg/NM3
				Hg & its compound	0.05 mg/NM3
				Sb+As+Pb+Cr+Co+ Cu+Mn+Ni+V+their compound	0.5 mg/NM3

(Signature)

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- 3.5 Stack monitoring facilities like port whole, platform/ladder etc. shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.

- 3.6 Ambient air quality within the premises of the industry shall conform to the following standards:-

PARAMETERS	PERMISSIBLE LIMIT Annual	PERMISSIBLE LIMIT 24 hrs. Average
Particulate Matter 10	60 Microgram/NM3	100 Microgram/M3
Particulate Matter 2.5	40 Microgram/NM3	60 Microgram/M3
SO2	50 Microgram/NM3	80 Microgram/M3
NOx	40 Microgram/NM3	80 Microgram/M3

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

- 4.1 The Condition No. 5.1 of the said CCA order No. AWH-76430 dated 12/02/2016 issued vide letter No. PC/GPCB/ID-11738/CCA-ABD-GEN-3(4)/348904 dated 17/03/2016 hence forth shall be read as under".

Sr No	Type of waste	Quantity	Schedules	Facility
1	ETP Sludge (Dry Basis)	120 MT/Year	35.3	Collection, Storage, Transportation and disposal by TSDF at SEPPL Kutch.
2	Residue & Waste	179.670 MT/Year	28.1	Collection, Storage, Transportation and disposal at CHWIF of SEPPL Kutch or Incineration at in House incinerator.
3	Date expired, Discarded and off Specification Drugs/Medicines	60 MT/Year	28.5	Collection, Storage, Transportation and disposal at CHWIF of SEPPL Kutch or Incineration at in House incinerator.
4	Incinerator ash	20 MT/Year	37.2	Collection, Storage, Transportation and disposal by TSDF at SEPPL Kutch.
5	Used Oil	10 MT/Year	5.1	Collections, Storage, Transportation, Disposal By Selling To Registered Recycler
6	Discarded Containers/empty drums and bags	115 MT/Year	33.1	Collection, Storage, Transportation, Disposal To Authorized Decontamination Facility only
7	Spent Solvent	2220 MT/Year	28.6	Collection, Storage, Transportation and send to M/S Prathna Chem for Solvent Recovery or disposal at CHWIF of SEPPL Kutch.

3. All the other conditions of CCA order No. AWH-76430 dated 12/02/2016 issued vide letter No. PC/GPCB/ID-11738/CCA-ABD-GEN-3(4)/348904 dated 17/03/2016 shall remain unchanged.

For and on behalf of
Gujarat Pollution Control Board,


(Y. A. Tai)
ENVIRONMENTAL ENGINEER

Copy to: R.O. Ahmedabad – Rural For information.



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 021.

Website : www.gpcb.gov.in

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 Waste (Management, Handling & Trans boundary movement) Rules-2008 framed under the Environmental (Protection) Act-1986.

And whereas Board has received consolidated consent application No.102146 dated 10/01/2016 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: 457,458, MATODA- BAVALA ROAD,
VILL: MATODA,
TAL: SANAND,
DIST: AHMEDABAD.

1. Consent Order No. : AWH- 76430 date of Issue : 12/02/2016
1.1 The consents shall be valid up to 09/01/2021 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	Total Quantity
1	Tablet	6000 Lac nos/M
2	Capsules	200 Lac nos/M
3	Vials	6 Lac nos/M
4	Ampoules	40 Lac nos/M
5	Gemcitabin	41.67 Kg/M
6	Capcitabine	416.66 Kg/M
7	Exmestane	8.33 Kg/M
8	Imatinib mesylate	62.5 Kg/M
9	Topotecan HCL	0.083 Kg/M
10	Docetexal	4.16 Kg/M
11	Timozolamide HCL	16.66 Kg/m

2 CONDITIONS UNDER THE WATER ACT:

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

	Water Consumption	Waste water generation
Industrial	290 KL/Day	335 KL/Day
Domestic	170 KL/Day	150 KL/Day

- 2.2 There quantity of the industrial effluent from the manufacturing Process and other ancillary Industrial operations shall not exceed 335 KL/Day.
- 2.3 Industrial effluent after treatment shall be reuse cooling tower and other ancillary operation. RO reject shall be completely evaporated in multi effect evaporator. (MEE).
- 2.4 The quantity of domestic Sewage effluent from the factory shall not exceed 150 KL/Day.
- 2.5 Domestic effluent shall be treated in sewage treatment plant and after confirming to following standards shall be utilized for plantation and gardening within factory premises.

SR No	Parameters	Permissible Limit
1	pH	6.5 - 9.0
2	BOD (mg/l)	Less than 10
3	COD (mg/l)	Less than 50
4	Total Suspended Solids (mg/l)	Less than 20
5	NH4-N (mg/l)	Less than 5
6	N-total (mg/l)	Less than 10

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TRADE EFFLUENT:

- 2.6 The Quality of the treated effluent shall conform to the following standard.

PARAMETERS	GPCB NORMS
PH	6.5 to 8.5
Temperature	40 C
Color(Pt.Co.scale)	100 Unit
Suspended solids	100mg/l
Oil & Grease	10 mg/l
Sulphides	0.5 mg/l
Ammonical Nitrogen	50 mg/l
Arsenic	0.2 mg/l
Total Chromium	2 mg/l
Hexavalent chromium	0.1 mg/l
Copper	3 mg/l
Lead	0.1 mg/l
Mercury	0.01 mg/l
Nickel	3 mg/l
Zinc	5 mg/l
Cadmium	2 mg/l
BOD (5days at 20° C	30 mg/l
COD	100 mg/l
Chlorides	600 mg/l
Sulphates	1000 mg/l
Total dissolved solids	2100 mg/l
Insecticides/ Pesticides	Absent
Sodium Absorption Ratio	26
Bio-assay test	90 % survival of fish after 96 hours in 100 % effluent

- 2.7 The treated effluent after confirming to the above standard shall be reuse in cooling & other ancillary operation and remaining shall be evaporated in MEE/incinerated. Hence unit shall strictly maintain zero liquid discharge condition.
- 2.8 Sewage shall be disposed through soak pit/septic tank.
- 2.9 The sewage effluent after conforming to the above standard shall be utilized on land for plantation and gardening within premises.
3. **CONDITIONS UNDER THE AIR ACT:**
- 3.1 The following shall be used as fuel.

Sr No.	Fuel	Quantity
1.	Imported coal / agro waste	30 MT/day
2	HSD	0.115 KL/Day

- 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.	Boiler - 10 TPH	38	Multi cyclone followed by bag filter	Particulate matter	150 mg/NM3
2.	Steam Boiler - 3 TPH	35	Multi Cyclone	SO2 NOx	100 ppm 50 ppm



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector-10-A, Gandhinagar-382 021.
Website : www.gpcb.gov.in

- 3.4 The process emission through various stacks/ vent of reactors, process and vessel shall conform to the following standards

Stack No.	Stack attached to	Stack height in meter	Air pollution control system	Parameter	Permissible limit
1	Reaction Vessels	13	----	Particular matter	150 mg/NM ³
2	Reaction Vessels	13	---	Sox	40 mg/NM ³ 25 mg/NM ³
3	Process Vent	13	Caustic Scrubber	NOx	
4	Incinerator-01 Nos. Solid waste	35 Meter	Cyclone Separator followed by Alkali scrubber	PM	50 MG/NM ³
				HCL	50 MG/NM ³
				SO ₂	200 MG/NM ³
				CO	100 MG/NM ³
				NH ₃	175 MG/NM ³
				CO	50 MG/NM ³ (30 MIN)
	Incinerator-02 Nos liquid & solid waste)	30 Meter	Quenching tank following ventury scrubber followed by wet & moisture separator	TOC	20 MG/NM ³
				HF	4 MG/NM ³
				NOx	400 MG/NM ³
				Total Dioxine & Furan	0.1 ng TFQ/NM ³
				CD+/Th + their compound	0.05 MG/NM ³
				Hg & its compound	0.05 MG/NM ³
				Sb+As+Pb+Cr+Co+Cu+Mn +Ni+V+their compound	0.5 MG/NM ³

- 3.5 There shall be no process emission.

- 3.6 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	
	Annual	24 Hrs Average
Particulate Matter-10 (PM ₁₀)	60 Microgram/M ³	100 Microgram/M ³
Particulate Matter-2.5 (PM _{2.5})	40 Microgram/M ³	60 Microgram/M ³
SO ₂	50 Microgram/M ³	80 Microgram/M ³
NO _x	40 Microgram/M ³	80 Microgram/M ³

- 3.7 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. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

- 3.8 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 70 Db (A) during night time. Daytime is reckoned in between 6a.m. and 10 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 Applicant shall also comply with the general conditions given in annexure-I.

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- 4.3 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 equipments, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.
- 4.4 In order to enable the board to perform its functions of ascertaining the standards of effluent laid down by it for the discharge of the effluent under the condition no 2.3 of this order are complied with by the company while causing discharge of effluent, the applicant shall have to submit every month the analysis report of the samples of effluent got collected and analyzed by one of the laboratories recognized by the state Board.
- 4.5 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell/Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.
- 4.6 The applicant shall also comply with the General Conditions as per Annexure - I enclosed.
- 4.7 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.
- 4.8 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.

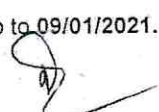
5. **AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See Rule 5 (4))**

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: 457,458, MATODA- BAVALA ROAD, VILL: MATODA, TAL: SANAND, DIST: AHMEDABAD.

Sr.No.	Waste	Quantity	Schedule	Facility
1	ETP Settled Sludge	60 MT/Year	34.3	Collections, Storage, Transportation, Disposal By TSDF At NEPL, Odhav
2	Residue & waste	53.03 MT/Year	28.1	Incineration in incineration BEIL
3 a	Date expired off specification drugs (liquid)	20 MT/Year	28.4	Incineration in own incineration
3 b	Date expired off specification drugs (Solid)	40 MT/Year		
4	Incinerator ash	10 MT/Year	36.2	Collections, storage, Transportation, Disposal by TSDF at NEPL, Odhav
5	Used oil	10 KL/Year	5.1	Collections, storage, Transportation, Disposal by selling to registered recycler
6	Discarded Container	12000 Nos./Year	33.3	Collections, Storage, Transportation, Disposal By Selling To Registered Re - Re Finer
7	Spent solvent	40 MT/Month	28.5	Collections, Storage, Transportation, & Sell To M/S. Krutichemical, Plot No: C-18, 5004, Phase- 4, GIDC, Vapi.

- 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 09/01/2021.





GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 021.

Website : www.gpcb.gov.in

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

- a) The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.
- b) 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.
- c) 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.
- d) It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility
- e) An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).
- f) 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.
- g) Industry shall submit annual report within 15 days and subsequently by 31st January every year.

7. General Conditions:

- 7.1 The waste generator shall be totally responsible for i.e. collection, storage, encapsulation, incineration, Treatment, transportation and ultimate disposal) of the wastes generated.
- 7.2 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.
- 7.3 In case of any accident, details of the same shall be submitted in Form - 5 to Gujarat Pollution Control Board.
- 7.4 As per "Public Liability Insurance Act - 91" company shall get Insurance Policy, if applicable.
- 7.5 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.
- 7.6 In no case any kind of hazardous waste shall be imported without prior approval of appropriate authority.
- 7.7 In case of transport of hazardous wastes to a facility for (i.e. treatment, storage and disposal) existing in a State other than the State where hazardous wastes are generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board or Committee of the concerned State or Union territory Administration where the facility exists.
- 7.8 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.
- 7.9 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.

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- 7.10 Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous wastes generated within factory premise.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(J.D.KALYANI)
ENVIRONMENTAL ENGINEER

NO: GPCB/ ID- 11738/CCA-ABD-GEN-3(4)/ 348904.

DE 17/3/2016

ISSUED TO:
M/S. INTAS PHARMACEUTICALS LTD.,
PLOT: 457,458, MATODA- BAVALA ROAD,
VILL: MATODA,
TAL: SANAND,
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/19-20/250

Date : 16-07-2019

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 12-07-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210, Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 30 AM
SAMPLING LOCATION	: In open space near boiler house.	

AMBIENT AIR QUALITY DATA

<u>(A) 24 hourly observation :</u>	
1. Duration of sampling	09 : 30 AM to 09 : 30 AM (12-07-'19) (13-07-'19)
2. Weight of PM _{2.5} collected	1. 194 mg.
3. Volume of Air sampled	23. 115 Cubic meter
4. PM _{2.5} concentration	51. 65 µg / m ³ GPCB Limit 60 µg/m ³

(B) 24 hourly observation :

 Time : 09 : 30 AM to 09 : 30 PM
(12-07-'19) (13-07-'19)

Volume of Air Sampled (cu. mt.)	0.24	GPCB Limit µg/m ³
Sulphur Di-oxide (SO ₂) (ug/m ³)	9. 20	80. 00
Nitrogen Di-oxide (NO ₂) (ug/m ³)	17. 60	80. 00

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/19-20/251

Date : 16-07-2019

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 12-07-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 30 AM
SAMPLING LOCATION	: In open space near boiler house.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	09 : 30 AM to 09 : 30 AM (12-07-'19) (13-07-'19)
2. Weight of PM ₁₀ collected	2.043 mg.
3. Volume of Air sampled	22.210 Cubic meter
4. PM ₁₀ concentration	91.98 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/19-20/470

Date : 09-10-2019

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-10-2019
SITE	: Plot No. 457, 458, Sarkhej-Bayla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 30 AM
SAMPLING LOCATION	: In open space near boiler house.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	09 : 30 AM to 09 : 30 AM (04-10-'19) (05-10-'19)
2. Weight of PM _{2.5} collected	1.139 mg.
3. Volume of Air sampled	22.850 Cubic meter
4. PM _{2.5} concentration	GPCB Limit 49.85 µg / m ³ 60 µg/m ³

(B) 24 hourly observation :

Time : 09 : 30 AM to 09 : 30 PM
(04-10-'19) (05-10-'19)

Volume of Air Sampled (cu. mt.)	0.24	GPCB Limit µg/m ³
Sulphur Di-oxide (SO ₂) (ug/m ³)	6.72	80.00
Nitrogen Di-oxide (NO ₂) (ug/m ³)	12.20	80.00

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) 26563525

Report No. : AC/AIR/19-20/471

Date : 09-10-2019

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-10-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, . Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 30 AM
SAMPLING LOCATION	: In open space near boiler house.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	09 : 30 AM to 09 : 30 AM (04-10-'19) (05-10-'19)
2. Weight of PM ₁₀ collected	2.072 mg.
3. Volume of Air sampled	23.115 Cubic meter
4. PM ₁₀ concentration	89.64 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) 26583625

INSTANTANEOUS NOISE LEVEL MONITORING REPORT

Name of Company : Intas Pharmaceuticals Ltd.

Address : Plot No. 457, 458, Sarkhej Bavla Highway,
Vil. : Motoda - 382 210,
Dist. : Ahmedabad.

Date : 12-07-2019

Sr. No.	LOCATIONS	AVERAGE READING (dB)	
		03:15 PM to 03:45 PM (day time)	11:25 PM to 11:55 PM (night time)
01	Near main gate no.1.	60.3	53.4
02	Near main gate no. 2.	59.4	52.7
03	Near NE corner of premises.	63.7	51.8
04	Near SE corner of premises.	64.7	53.2
05	Near boiler house.	74.4	64.7
06	Near ETP.	73.9	62.3
07	Near RM storage area.	63.9	58.4
08	Near administration building.	63.3	56.4
09	Near pump house.	74.0	62.4
10	Near DG set & compressor room	72.9	63.2

Measured by,

(Analyst)

For AKSHAR CONSULTANTS,

(AUTHORISED SIGNATORY)

Noicana



**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. 457, 458, Sarkhej Bavla Highway,
Vil. : Motoda - 382 210,
Dist. : Ahmedabad.

Date : 04-10-2019

Sr. No.	LOCATIONS	AVERAGE READING (dB)	
		02:00 PM to 02:30 PM (day time)	11:30 PM to 11:55 PM (night time)
01	Near main gate no.1.	64.5	54.2
02	Near main gate no. 2.	60.5	53.6
03	Near NE corner of premises.	64.1	52.7
04	Near SE corner of premises.	63.8	54.3
05	Near boiler house.	73.9	63.8
06	Near ETP.	74.2	65.7
07	Near RM storage area.	65.2	60.5
08	Near administration building.	64.4	58.6
09	Near pump house.	73.2	64.1
10	Near DG set & compressor room	73.7	62.9

Measured by,

(Analyst)

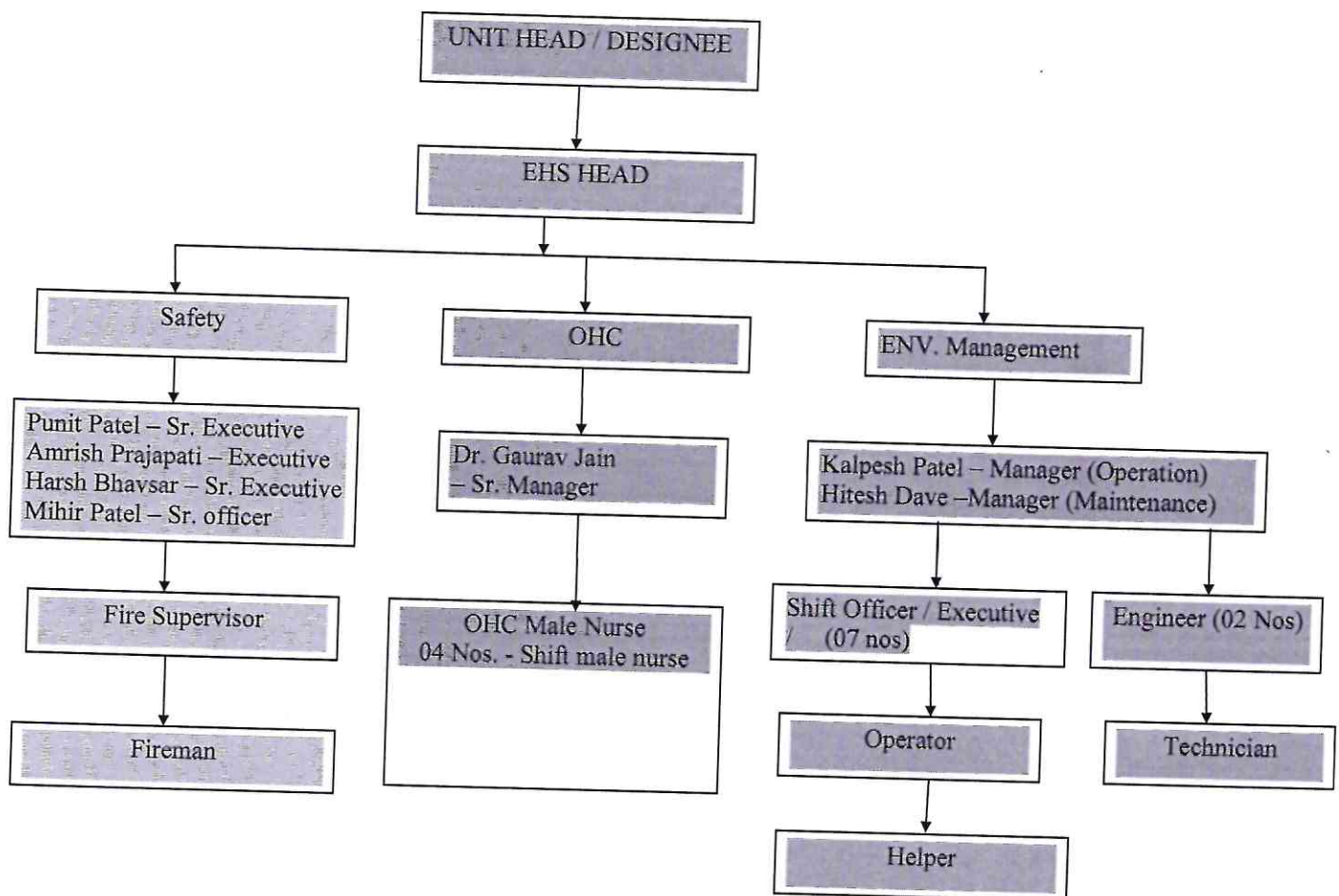
For AKSHAR CONSULTANTS,

(AUTHORISED SIGNATORY)

Noicana

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

EHS Management Staff Organogram (Formulation & API)



FORM - V
(See Rule 14)

From:
Intas Pharmaceuticals Limited
Plot No. 457-458, Vill.: Matoda, 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 2019.

PART - A

- (i) Name and address of the owner/occupier of the industry operation or process : Mr. Kirti Maheshwari (Chief Technical Officer)
Plot No. 457-458, Village. Matoda. 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	TABLET	6000 Lac nos.
02	CAPSULE	200 Lac nos.
03	AMPOUL	40 Lac. Nos
04	VIALS	6 Lac. Nos.
05	GEMCITABINE HCL	100 kg.
06	CAPCITABINE	1666 kg.
07	IMITANIB MESYLATE	100 kg.
08	DOCETEXAL	8.333 kg.
09	Paclitaxel	12.5 kg.
10	Carbazitaxel	4.166 kg.
11	Decitabine	2.083 kg.
12	Azacitidine	8.333 kg.
13	Earlotinib HCL	25 kg.
14	Sorafenib Tosylate	25 kg.
15	Lapatinib Ditosylate mono Hydrate	25 kg.
16	Methotrexate	29.166

Year of Establishment : 1997

- (v) Date of the last Environmental Statement submitted : June - 2018

* 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 m ³ /day :	
Process	: 150 m ³ /day
Cooling	: 145 m ³ /day
Domestic	: 118 m ³ /day

Name of Products		Process water consumption per unit of product output	
		During the previous Financial year	During the current Financial Year
SR.NO.	PRODUCT	134 M3/Day	150 M ³ / Day
01	TABLET		
02	CAPSULE		
03	AMPOUL		
04	VIALS		
05	GEMCITABINE		
06	CAPCITABINE		
07	IMITANIB MESYLATE		
08	DOCETEXAL		
09	Paclitaxel		
10	Carbazitaxel		
11	Decitabine		
12	Azacitidine		
13	Earlotinib HCL		
14	Sorafenib Tosylate		
15	Lapatinib Ditosylate mono Hydrate		
16	Methotrexate		

(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	6.99	6.5 -9.0	No Deviation
BOD	0.8 kg/Day	10 mg/l	No Deviation
COD	4.9 kg/Day	50 mg/l	No Deviation
TSS	1.8 kg/Day	20 mg/l	No Deviation
NH4-N	0.43 kg/Day	5 mg/l	No Deviation
(b) Air (Ambient)			
PM 2.5	52.85	60 mg/NM3	No Deviation
PM 10	93.46	100 mg/NM3	No Deviation
SO2	8.29	80 mg/NM3	No Deviation
NOx	15.39	80 mg/NM3	No Deviation
(C) Air (Boiler Stack)			
PM	143.92	150 mg/NM3	No Deviation

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
SO ₂	81.94	100 mg/l	No Deviation
NO _x	3.19	50 mg/l	No Deviation
(d) Air (Inc. Stack)			
PM	45.96	50 mg/NM ₃	No Deviation
SO ₂	34.64	200 mg/NM ₃	No Deviation
NO ₂	17.98	400 mg/NM ₃	No Deviation
HCL	12.70	50 mg/NM ₃	No Deviation
NH ₃	32.03	175 mg/NM ₃	No Deviation
(e) DG Stack			
PM	58.62	150 mg/NM ₃	No Deviation
SO ₂	22.28	100 mg/l	No Deviation
NO _x	2.86	50 mg/l	No Deviation
(f) Process Stack			
PM	NIL	150 mg/NM ₃	No Deviation
SO ₂	13.16	40 mg/NM ₃	No Deviation
NO _x	3.18	25 mg/NM ₃	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	Approx 23.192 MT	Approx 22.995 MT
(2) Used Oil	Approx 1.2 MT	Approx 0.9 MT
(3) Discarded Container	Approx 54.181 MT	Approx 41.7 MT
(4) Off. Specification Drugs	Approx 48.72 MT	Approx 37.843 MT
(5) Spent Solvent	Approx 383.98 MT	Approx 283.445 MT
(6) Co processed/Co incineration (Ware house)	NIL	Approx 80.7 MT
(b) From Pollution control Facilities		
(1)ETP Sludge	Approx 484.74 MT (Wet Basis)	Approx 351.41 MT (Wet Basis)
(2) Incinerator Ash	Approx 12.6 MT	Approx 14.72 MT

PART – E
Solid wastes

	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial Year
(a) From Process	23.192 MT	22.995
(b) From Pollution control Board		
(1) ETP Sludge	Approx 484.74 MT (Wet Basis)	Approx 351.41 MT (Wet Basis)
(2) Incinerator Ash	Approx 12.6 MT	Approx 14.72 MT
(c)		
(1) Quantity recycled or Re – Utilized within the Unit		
(2) Sold		
(3) Disposed / Sold		

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) Incinerator Ash is Dry Powder
- (3) Process Residue is semi solid

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.

We have installed High pressure RO system as a water saving scheme.

PART - I

Any other particulars for improving the quality of the environment.

Increasing plantation within company premises.


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

Name : Sandeep Shah

Designation : Sr. V.P. - Mfg.

Address : Plot No. 457/458, Vill. Matoda,
Taluka: Sanand,
District: Ahmedabad

Date : 10/06/19

Place : Matoda


**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Ref. No. AC/SOLID/19-20/008

Date : 17-07-2019

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

Sub. : Analysis report of your ETP sludge sample.

Source : Effluent Treatment Plant.
Date of Receipt : 12-07-2019
Sample drawn by : **Akshar Consultants.**
Physical state : Dry sludge.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	7.30
02	Chemical Oxygen Demand (COD)	gms/kg	8.22
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	2.75
04	Chlorides	gms/kg	20.44
05	Sulphate	gms/kg	33.12
06	Total Inorganic Solids at 550 Deg. C	gms/kg	674.30
07	Total Dissolved Solids	gms/kg	92.80
08	Total Hardness (as CaCO ₃)	gms/kg	13.50
09	Calcium Hardness (as CaCO ₃)	gms/kg	8.50
10	Magnesium Hardness (as CaCO ₃)	gms/kg	5.00
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as CaCO ₃)	gms/kg	2.72

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

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

Ref. No. AC/SOLID/19-20/009

Date : 17-07-2019

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

Sub. : Analysis report of your sludge sample (Incinerator Ash).

Source : Incinerator.
Date of Receipt : 12-07-2019
Sample drawn by : **Akshar Consultants.**
Physical state : Dry powder.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	8.34
02	Chemical Oxygen Demand (COD)	gms/kg	12.60
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	3.44
04	Chlorides	gms/kg	31.20
05	Sulphate	gms/kg	29.44
06	Total Inorganic Solids at 550 Deg. C	gms/kg	874.55
07	Total Dissolved Solids	gms/kg	95.60
08	Total Hardness (as CaCO ₃)	gms/kg	13.75
09	Calcium Hardness (as CaCO ₃)	gms/kg	7.65
10	Magnesium Hardness (as CaCO ₃)	gms/kg	6.10
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as CaCO ₃)	gms/kg	2.74

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

ANALYSED BY,

S. V. Patel

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(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

Ref. No. AC/SOLID/19-20/015

Date : 10-10-2019

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

Sub. : Analysis report of your ETP sludge sample.

Source : Effluent Treatment Plant.
Date of Receipt : 04-10-2019
Sample drawn by : **Akshar Consultants.**
Physical state : Dry sludge.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	7.22
02	Chemical Oxygen Demand (COD)	gms/kg	8.60
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	2.83
04	Chlorides	gms/kg	19.25
05	Sulphate	gms/kg	34.77
06	Total Inorganic Solids at 550 Deg. C	gms/kg	680.15
07	Total Dissolved Solids	gms/kg	94.11
08	Total Hardness (as CaCO ₃)	gms/kg	12.00
09	Calcium Hardness (as CaCO ₃)	gms/kg	8.00
10	Magnesium Hardness (as CaCO ₃)	gms/kg	4.00
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as CaCO ₃)	gms/kg	2.81

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

ANALYSED BY,

S. Singh

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(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

Ref. No. AC/SOLID/19-20/016

Date : 10-10-2019

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

Sub. : Analysis report of your sludge sample (Incinerator Ash).

Source : Incinerator.
Date of Receipt : 04-10-2019
Sample drawn by : **Akshar Consultants.**
Physical state : Dry powder.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	8.42
02	Chemical Oxygen Demand (COD)	gms/kg	13.24
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	3.70
04	Chlorides	gms/kg	30.25
05	Sulphate	gms/kg	27.15
06	Total Inorganic Solids at 550 Deg. C	gms/kg	881.05
07	Total Dissolved Solids	gms/kg	98.40
08	Total Hardness (as CaCO ₃)	gms/kg	14.50
09	Calcium Hardness (as CaCO ₃)	gms/kg	8.50
10	Magnesium Hardness (as CaCO ₃)	gms/kg	6.00
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as CaCO ₃)	gms/kg	2.91

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

ANALYSED BY,

S. Patel

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(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

Ref. No. AC/EFF/19-20/057

Date : 18-07-2019

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

Sub. : ANALYSIS REPORT OF YOUR TREATED EFFLUENT SAMPLE.

Sample drawn by : Akshar Consultants.

Sample collection date : 12-07-2019.

Sr. No.	Parameter	Result	GPCB Limit
01	pH	7.68	6.5 – 8.5
02	Temperature (Deg. C)	34.00	40.00
03	Colour (Pt-Co unit)	10.00	100.00
04	Total Suspended Solids	10.00	100.00
05	Oil & Grease	Nil	10.00
06	Sulphides	Nil	2.00
07	Ammonical Nitrogen	2.00	50.00
08	Total Chromium	N. D. *	2.00
09	Hexavalent Chromium	N. D. *	0.10
10	Copper	N. D. *	3.00
11	Lead	N. D. *	0.10
12	Mercury	N. D. *	0.01
13	Nickel	N. D. *	3.00
14	Zinc	N. D. *	5.00
15	COD	22.00	100.00
16	BOD	6.00	30.00
17	Chlorides	115.00	600.00
18	Sulphates	29.00	1000.00
19	Total Dissolved Solids	329.00	2100.00
20	Sodium Absorption Ratio	6.11	26.00
21	Arsenic	N. D. *	0.20
22	Cadmium	N. D. *	2.00
23	Insecticide / Pesticide	Absent	Absent
24	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, Temperature & Colour 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

704 & 813, Sakar-5, Nr. Mithakhali Railway Crossing, Off Ashram Road, Ahmedabad - 380 009. Tel/Fax : (079) 28583525

Ref. No. AC/EFF/19-20/115

Date : 10-10-2019

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

Sub. : ANALYSIS REPORT OF YOUR TREATED EFFLUENT SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 04-10-2019.

Sr. No.	Parameter	Result	GPCB Limit
01	pH	7.40	6.5 – 8.5
02	Temperature (Deg. C)	32.00	40.00
03	Colour (Pt-Co unit)	10.00	100.00
04	Total Suspended Solids	9.00	100.00
05	Oil & Grease	Nil	10.00
06	Sulphides	Nil	2.00
07	Ammonical Nitrogen	2.50	50.00
08	Total Chromium	N. D. *	2.00
09	Hexavalent Chromium	N. D. *	0.10
10	Copper	N. D. *	3.00
11	Lead	N. D. *	0.10
12	Mercury	N. D. *	0.01
13	Nickel	N. D. *	3.00
14	Zinc	N. D. *	5.00
15	COD	16.00	100.00
16	BOD	4.00	30.00
17	Chlorides	25.00	600.00
18	Sulphates	12.00	1000.00
19	Total Dissolved Solids	85.00	2100.00
20	Sodium Absorption Ratio	4.80	26.00
21	Arsenic	N. D. *	0.20
22	Cadmium	N. D. *	2.00
23	Insecticide / Pesticide	Absent	Absent
24	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, Temperature & Colour are expressed in mg/L.

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

ANALYSED BY,

S. V. Vaghela

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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


**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Report No. : AC/AIR/19-20/243

Date : 16-07-2019

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 12-07-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 15 AM
SAMPLING LOCATION	: Stack attached to Liquid / Solid Waste Incinerator.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	74.00
Stack gas velocity (m./sec.)	9.80
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.48
Wt. of PM collected (mg.)	20.69

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER	CONCENTRATION mg/Nm ³	GPCB Limit
Particulate matter (PM)	43.10	50 mg/Nm ³
Sulphur Di-oxide (SO ₂)	28.24	200 mg/Nm ³
Nitrogen Di-oxide (NO ₂)	16.93	400 mg/Nm ³
Hydrochloric Acid (HCl)	10.85	50 mg/Nm ³
Ammonia (NH ₃)	27.11	175 mg/Nm ³

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

ANALYSED BY,

FOR AKSHAR CONSULTANTS,

(Analyst)

(Authorised Signatory)

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



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

704 & 813, Sakar-5, Nr. Mithakhali Railway Crossing, Off Ashram Road, Ahmedabad - 380 009. Tel/Fax : (079) 26583526

Report No. : AC/AIR/19-20/460

Date : 09-10-2019

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-10-2019
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 25 AM
SAMPLING LOCATION	: Stack attached to Liquid / Solid Waste Incinerator.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	78.00
Stack gas velocity (m./sec.)	9.88
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.52
Wt. of PM collected (mg.)	25.82

GAS CONCENTRATION DATA

Sampling duration (min.)	30.00
Gas flow-rate (litres per min.)	5.00
Volume of gas sampled at NTP conditions (cu. m.)	0.150

RESULTS

PARAMETER		CONCENTRATION	GPCB Limit
		mg/Nm3	
Particulate matter	(PM)	49.65	50 mg/Nm ³
Sulphur Di-oxide	(SO ₂)	26.40	200 mg/Nm ³
Nitrogen Di-oxide	(NO ₂)	14.25	400 mg/Nm ³
Hydrochloric Acid	(HCl)	12.13	50 mg/Nm ³
Ammonia	(NH ₃)	30.25	175 mg/Nm ³

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

ANALYSED BY,

FOR AKSHAR CONSULTANTS,

(Analyst)

(Authorised Signatory)

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