CIN - U24231GJ1985PLC007866

INTAS PHARMACEUTICALS LIMITED

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

Date: 30.05.2022

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.)

Dear Sir,

Sub.: submission of compliance report of our site plot no. 191, Village: Chacharwadi Vasana, Taluka: Sanand, District: Ahmedabad. (November-2021 to April-2022)

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

This has reference to the above stated subject and reference we submit half-yearly compliance report to your office. We hope that stated information and attached documents are as per your requirement. Earlier we have received New EC : SEIAA/GUJ/EC/5(f)/1263/2021 on dated 02nd July 2021 for setting up expansion of manufacturing plant of 'Synthetic Organic Chemicals' (API & its Intermediates) at Plot no - 191. Copy attached for your ready reference. EC to CTE copy attached. We will update your office after receipt of CC&A from state board

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

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

Works : 457/458, Sarkhej - Bavla Highway, Matoda, Taluka : Sanand, Ahmedabad - 382210, Gujarat, INDIA.
Ph. No. : +91 2717 661100

COMPLIANCE REPORT

Monitoring period

Nov - 2021 to April - 2022

M/s. Intas Pharmaceuticals Ltd.

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

Dist. : Ahmedabad, Gujarat - 382210

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

Monitoring the implementation of Environmental Safeguards
Ministry of Environment & Forests
Regional Office (W), Bhopal
Monitoring Report
Part – I
Data Sheet
File no.: J-11011/493/2009-IA-II (I) dated 25.08.2011

Date: 24.05.2022

Sr. No.		
1	Project type: River – valley / Mining / Industry / Thermal / Nuclear / other (specify)	Pharmaceutical Company
2	Name of Project	Expansion of Bulk Drug unit at **INTAS PHARMACEUTICALS LTD.**
3	Clearance letter (s) / OM No. and date	J-11011/493/2009-IA-II (I) dated 25.08.2011
4	Location	Plot No.191, Sarkhej-Bavla Highway, Village: Chacharwadi Vasana, Taluka: Sanand.
	a. District(s)	Ahmedabad
	b. State(s)	Gujarat
	c. Latitude / longitude	22o52'16"N / 72o23'39" E
5	Address for correspondence	
	a. Address of concerned project Chief Engineer (with pin code and telephone / telex / fax numbers)	Shri Kirti Maheshwari– Chief technical officer M/s INTAS Pharmaceuticals Ltd., Plot No.191, Sarkhej-Bavla Highway, Village: Chacharwadi Vasana, Taluka: Sanand. Ahmedabad, Gujarat. Fax No. 02717 – 661106.
	b. Address of Executive Project Engineer / Manager (with pin code / fax numbers)	
6	Salient features	
	a. Of the project	a. Project is involved in the formulation of various drugs and proposes to manufacture API bulk drugs. b. Export to European Countries and US. c. Reduce the cost of production by using API Bulk drug manufactured by itself.
	b. Of the environmental management plans	a. Treat all the pollutants viz. liquid and gaseous those contribute to the degradation of the environment with appropriate Technology. b. Comply with all regulations stipulated by the Central / State Pollution Control Boards related to air emissions and liquid effluents Discharges as per air and water pollution control laws.

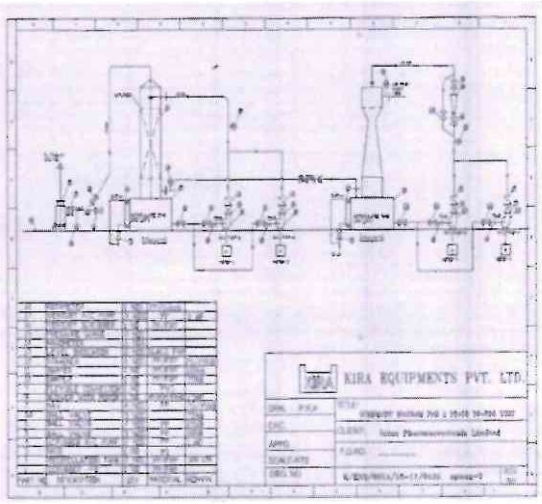
		c. To handle hazardous wastes as per the Hazardous Waste (Management & Handling Rules, 1989 of the Environment (Protection) Act 1986. d. To encourage support and conduct developmental work for the purpose of achieving environmental standards and to improve the methods of environmental management.00 e. To promote further a forestation in the Surrounding areas of the Plant. f. To create good working conditions (devoid of air and noise pollution) for employees. g. To reduce fire and accident hazards. h. Perspective budgeting and allocation of funds for environment management Expenditure. i. Dissemination of technological solutions on Commercial basis to interested parties. j. Continuous Development and search for innovative technologies for a cleaner and Better environment.
7	Break-up of the project area	Total area: 50000 sq. meter Green belt area: 16500 sq. meter
	a. Submergence area: forest and non-forest	
	b. Others	
8	Break-up of the project affected population with enumeration of those losing houses / dwelling units agricultural land only, both dwelling units and agricultural land and landless laborers / artisan	**N.A.**
	a. SC, ST / Adivasi	**N.A.**
	b. Others	**N.A.**
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is 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. 14.00 Crores.
	b. Allocation made for environmental management plan with item wise and year wise break-up	Approx. cost: 30 lacs.
	c. Benefit cost ratio / internal rate of return and the year of assessment	-----
	d. Whether (c) includes the cost of environmental management as shown in the above	-----
	e. Actual expenditure incurred on the project so far	Rs. 13.9778 Cr.
	f. Actual expenditure incurred on the environment plans so far	Approx Rs. 22.0 lacs
10	Forest land requirement	**N.A.**
	a. The status of approval for diversion of Forestland for non-forestry use.	**N.A.**
	b. The status of clearing felling	**N.A.**
	c. The status of compensatory afforestation, if any	**N.A.**
	d. Comments on the viability and sustainability of compensatory afforestation programme in the light of actual field experience so far	**N.A.**
11	The status of clear feeling in non-forest area (such as submergence area of reservoir, approach roads), if any with quantitative information	**N.A.**
12	Status of construction a) Date of commencement (actual and / or Planned. b. Date of completion (actual and / or planned	 June 2010 May 2012
13	Reasons for the delay if the project is yet to start	Not applicable.

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

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

<table>
<tr><th></th><th>EC Condition</th><th>Compliance</th></tr>
<tr><td>2.0</td><td>The Ministry of Environment, Forest and Climate change has examined the application. It is noted that proposal is for expansion of Bulk Drug Manufacturing Unit Survey No. 191 Village Chacharwadi Vasana, Taluka Sanand, District Ahmedabad, and Gujarat by M/S Intas pharmaceutical Ltd. No Eco sensitive area is located within 10 Km. Total land required for the project is 50,000 m^2 Total project cost is Rs. 14.0 Crore. Following Product will be manufactured
• At the time only two products will be manufactured</td><td>• Unit Located at, Survey No. 191 Village Chacharwadi Vasana, Taluka Sanand, District Ahmedabad. It is reported that no eco-sensitive zone is located within 10 Km distance.
• The production details from Nov - 21to Apr – 22 are as below:</td></tr>
<tr><td></td><td colspan="2">
<table>
<tr><th>Sr. No</th><th>Name of Product</th><th>Nov-21</th><th>Dec-21</th><th>Jan-22</th><th>Feb- 22</th><th>Mar-22</th><th>Apr-22</th></tr>
<tr><td>1</td><td>Pregabaline(Kg)</td><td>92.25</td><td>80.15</td><td>60.2</td><td>76.85</td><td>140.753</td><td>148.78</td></tr>
<tr><td>2</td><td>Paclitaxel (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>3</td><td>Fesoterodine Fumarate (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>4</td><td>Trazadone Hydrochloride (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>5</td><td>Lacosamide (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>6</td><td>Dabigatran (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>7</td><td>Linezolid (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>8</td><td>Etoncoxib (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>9</td><td>Rivaroxaban (Kg)</td><td>4.6</td><td>8.9</td><td>9.5</td><td>0</td><td>0</td><td>16.45</td></tr>
<tr><td>10</td><td>Eletriptan Hydrobromide (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>11</td><td>Dronaderon (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>12</td><td>Chloline Fenofibrate (Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>13</td><td>Prasugrel Hydrochloride (Kg)</td><td>0</td><td>0</td><td>0</td><td>5.671</td><td>7.753</td><td>8.22</td></tr>
<tr><td>14</td><td>Recovered Solvent (MT)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td colspan="2">Total (Kg)</td><td>96.85</td><td>89.05</td><td>69.7</td><td>82.521</td><td>148.506</td><td>173.45</td></tr>
</table>
</td></tr>
<tr><td>3.0</td><td>Packed column scrubber consisting of venturi followed by alkali scrubber will be provided to control HCL emissions. Primary condenser with chilled water and secondary condenser with chilled brine of -10 ^{0}c will be provided to the all reactors to the all reactor to control fugitive emissions from process. Packed column type scrubber consisting venturi followed by water scrubber will be provided to control solvent vapor emission. Total fresh water requirement from ground water source will be 46</td><td>• We have provided packed column scrubber consisting of venture followed by alkali scrubber to control Hcl Emission.
• We have provided primary condenser with chilled water and secondary condenser with chilled brine of -10°C to the all rectors to control fugitive emissions from process.
• We have provided packed column scrubber consisting of venture followed by water</td></tr>
</table>

	m^3/day. Total industrial effluent generation will be 14.65 m3/day. Industrial effluent will be segregated in to High COD and low COD effluent Streams. High COD stream will be evaporated in multi effect evaporated (MEE). Low COD effluent stream will be treated in ETP and treated effluent will be recycled and reused within the factory premises. ETP Sludge will be sent to hazardous waste treatment storage disposal facility (TSDF). Process residue (Organic), Solvent residue and spent carbon will be sent to cement plant. Used oil will be sold to the authorized re-processor.	scrubber to control solvent vapor emission  • Entire water requirement has been fulfilled from Bore well Fresh water consumption details of last six months is given below

Month	Water Consumption per Month (Kl)	Water Consumption per day (Kl)
Nov-21	1067	35.5
Dec-21	1271	41
Jan-22	815	26.2
Feb-22	981	35
Mar-22	1248	40.2
Apr-22	1050	35

- We are strictly following Zero Liquid discharge by operating Effluent Treatment plant followed by RO & MEE with ATFD. Finally Salt transfer to TSDF site.
- We have provided dedicated MEE with solvent stripper for treat High COD / High TDS stream and Low volatile solvent collect and incinerated in to own incinerator.
- Hazardous waste generates from site is being managed as per the existing consent No. **AWH – 91538 dated 28/02/2018 valid up to 11/02/2023** and as per the Hazardous waste rule 2016
- Landfill waste is being send to common TSDF site of M/s ECOCARE Infrastructure Pvt. Ltd. , Surendranagr and incinerable waste is incinerate in our sister concern(Plot no-457/458) own incinerator and Ash is also being send to common TSDF site of M/s ECOCARE,

Surendranagr. Membership certificate & Undertaking of Eco Care as Attached as **Annexure -1(A) & 1(B)**

- Copy of Form IV submitted to GPCB for the year 2020-21 , is attached for your ready reference **as Annexure-2**

Annexure-1(A)

EcoCARE Infrastructures Private Limited

501, 5th Floor, Manekmoti Avenue, Opp. Tirupati Flats, Bhimpura, Navi Vadaj, Ahmedabad - 380 013. Gujarat, INDIA.
M. : 7383000566 E-mail : ecocare@ecocarein.com Website : www.ecocarein.com

MEMBERSHIP CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that

M/S. INTAS PHARMACEUTICALS LTD

which is situated at

Plot No 437-438, Matoda-Bavla Road,

Village: Matoda, Tal: Sanand, Dist: Ahmedabad, 382210

is member of

M/S. ECOCARE INFRASTRUCTURES PVT. LTD.

for Treatment, Storage and Disposal Facility (TSDF),

Situated at Survey No. 127, Village: Ghanpur,

Tal.: Dasada, Dist.: Surendranagar.

This membership is valid for a period of 3 years.

Membership No. : **ECIPL-213**
Membership Renewal Date : **06-01-2020**
Membership Expired on : **31-01-2023**

FOR, ECOCARE INFRASTRUCTURES PVT. LTD.
Bipin P Patel
(MANAGING DIRECTOR)

Site Address : Survey No. 127, Village : Ghanpur, Ta. : Dasada, Dist. : Surendranagar 382780. M. : 7383011311

Annexure-1(B)

UNDERTAKING
(On the Stamp Paper of Rs. 500/- with Notarized)

To,
EcoCARE Infrastructures Private Limited
Survey No. 127
Village: Ghanpur,
Ta.: Dasada,
Dist.: Surendranagar-382780

We, INTAS PHARMACEUTICALS LIMITED
Situated at PLOT NO. 437-438, MATODA-BAVLA HIGHWAY, is interested to become a member of Treatment, Storage and Disposal Facility (TSDF), located at Survey No. 127, Village: Ghanpur for the disposal of solid waste generated from our unit. We are enclosing a DD No. _____ dated _____ Name of the Bank _____ for Rs. _____ Rs. in Word _____ towards the Membership Fees in favor of **EcoCARE Infrastructures Private Limited**, TSDF at Ghanpur together with Membership form duly filled, signed and stamped along with necessary enclosures.

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

We hereby undertake that

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

4. We understand and agree that "**EcoCARE Infrastructures Private Limited**" a company, a 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 having right to stop the acceptance of solid waste and continuation of associated services and use of facilities.
6. It shall be our responsibility to comply with all applicable statutory provisions / liabilities inter alia RTO Rules and Regulations.
7. Whenever a compprehensive report about handling of solid waste is required by GPCB, the charges shall be borne by us.
8. We agree to abide by the terms and conditions and payment charges as may be prescribed by the "**EcoCARE Infrastructures Private Limited**" from time to time.
9. We understand that the Membership granted is subject to GPCB/CPCB Rules and Regulations.
10. It is agreed that we will inform to "**EcoCARE Infrastructures Private Limited**" and GPCB, whenever, we will become member of any other TSDF provider, and will comply with the rules/regulation/guidelines specified by you and by CPCB/GPCB in this regards.
11. It is agreed that no party of this agreement shall be responsible for any failure or delay on its part in performing any of its obligations or for any loss or damage, costs, charges and expenses incurred or suffered by the other party by reason of such failure of default or delay caused due to any force majeure conditions, acts of Gods, Laws and Rules & Regulations of Government, strikes, Lock-outs, riots, violence, war or any other cause beyond its control.
12. Subject to Ahmedabad Jurisdiction only.

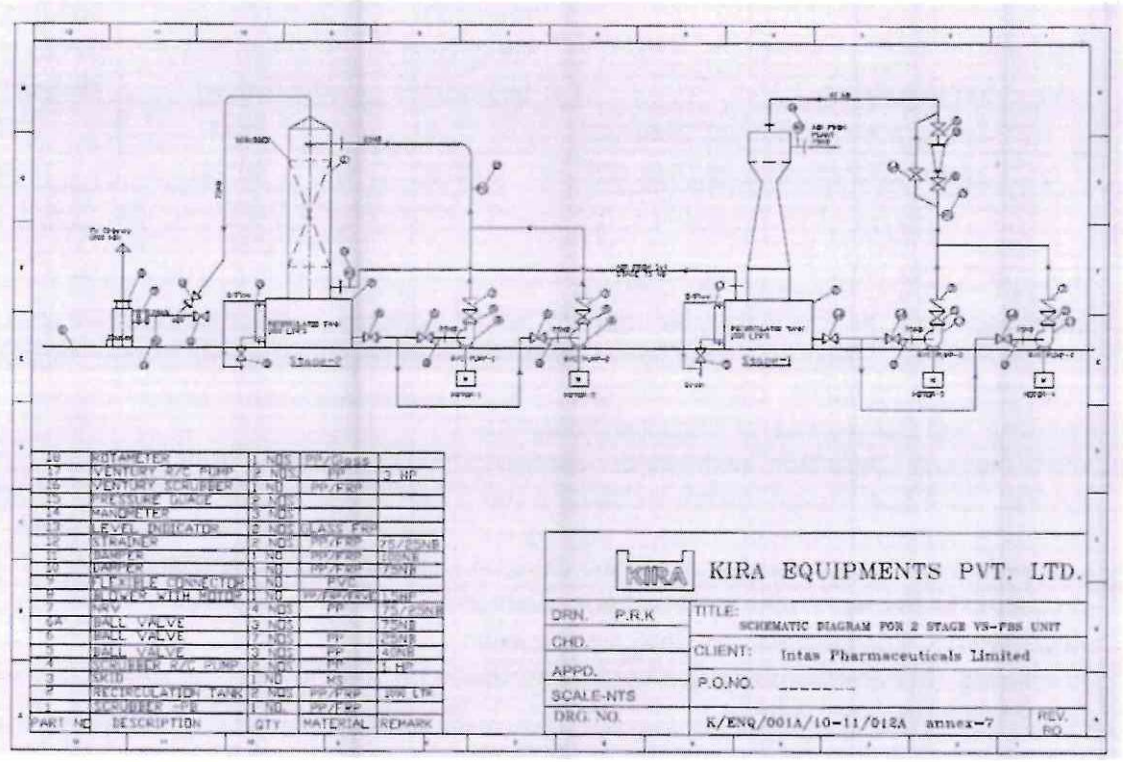
Place: INTAS, MATODA
Date:

Kalpesh M. Patel
(Manager-EHS)
Name and designation of Person Signing

Signature with seal of Unit

4.0	Public hearing of the project was held on 11th June, 2010	EC file no.F. No. J-11011/493/2009-IA II(I) issued by MoEF on year - 2013 .Before receiving the EC advertisement for granted EC has been given in English News Paper & Gujarati Newspaper and also inform to ministry about advertisement through letter
5.0	The synthetic organic chemicals industry (Bulk drugs & intermediates) located outside the notified industrial area/estate are listed at S.N. 5(f) under category 'A' and appraised at central level.	--
6.0	The proposal was considered by the Expert appraisal Committee (Industry-2) in its 3rd 14th& 21st meeting held during 15th – 16th September 2009, 16th – 17th September 2010 and 23rd – 24th March 2011 respectively. The committee recommended the proposal for environmental clearance.	--
7.0	Based on the information submitted by the project proponent , the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, dated 14th September 2006 subject to the compliance of the following Specific and General Conditions:	--
A. SPECIFIC CONDITION		
i.	Compliance to all the environmental conditions stipulated in the environmental clearance letter No. J-11011/493/2009-IA II (I), on dated 25/08/2011 shall be satisfactorily implemented and compliance reports submitted to the Ministry's Regional Office at Bhopal.	All conditions complied and compliance reports submitted to Regional Office Bhopal.
ii.	National Emission standards for organic chemicals manufacturing industry issued by the Ministry vide G S R 608€ dated 21st July, 2010 and amended time to time shall be followed by the unit.	We are followed all the guideline of National Emission Standard.
iii.	As proposed Packed column scrubber consisting of venturi followed by alkali scrubber will be provided to control HCL emissions within the limit prescribed by CPCB/GPCB. Packed column type scrubber consisting venturi followed by water scrubber will be provided to control solvent vapor emission. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly	• We have a SOP for operation of scrubber and pH maintain in scrubber and data note down in Form. NaoH & Hcl solution is using as a scrubbing media for control the gaseous emission as per CC&A. Scrubbing media drain to ETP for further treatment as and when required. • Efficiency of scrubber monitored regularly by approved M/s. Akshar consultants and reports are being submitted to GPCB on regular basis for prescribed parameters. We are monitoring the

	and maintained properly. At no time, emission level shall go beyond the prescribed standards. In the event of failure of any pollution, control system adopted by the unit the respective unit shall not be restarted until control measures are rectified to achieve the desired efficiency.	emission level by GPCB approved third party (M/s Akshar Consultant). The emission results are as mentioned for your ready reference as **Annexure – 3**

	• Unit has provided scrubber for control of gaseous emission. 
iv.	No steam boiler shall be installed for the proposed project as steam shall be made available for process from existing adjoining plant of M/s Intas Pharmaceuticals Ltd.	Steam boiler is not installed and steam is used for process from existing adjoining plant of M/s Intas Pharmaceuticals Ltd. Plot No – 457/458 GPCB ID - 11738.
v.	Ambient air quality data shall be collected as per NAAQAS standard modified by Ministry wide G.S.R. No 826(E) dated 16th September 2009. The level of PM_{10}, SO_2, NO_x, CO, VOC and HCL shall be monitored in the ambient air and emissions from the stacks shall be monitored and displayed at convenient locations near the main gate of the company and at important public places. The company shell uploads the results of monitoring data on its website and shell updates the same periodically. It shell simultaneously be sent to the Regional office of MOEF, the respective Zonal	Monitoring being done on quarterly basis through GPCB approved third party M/s. Akshar Consultants and being regularly updated to GPCB, MOEF Regional office & displayed at main gate board. Below Pasted Ambient, air Monitoring Data. We have uploaded details of status of compliance of the stipulated EC condition, including result of monitored data on company website that is accessible to concern stack holder and updates the same in every six month.

	office of CPCB and Gujarat Pollution Control Board (GPCB) . On-line VOC analyzer shell be installed for monitoring of VOCs in ambient air	

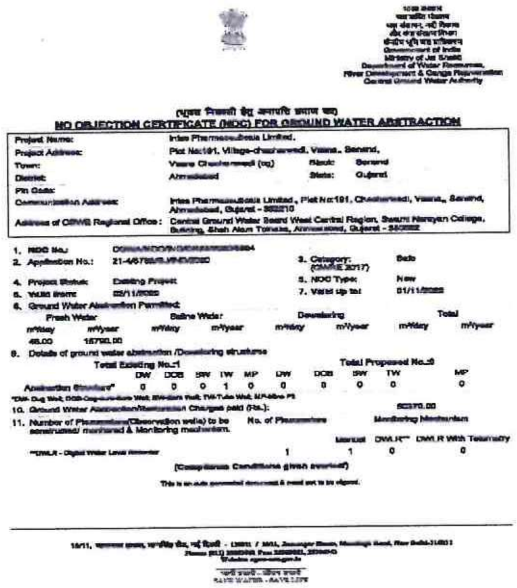
Sr. No	Sample Name	PM2.5 (mg/m3)- GPCB Limit – 60 mg/m3	PM10 (mg/m3) – GPCB Limit – 100 mg/m3	SO2 (mg/m3)- GPCB Limit - 80 mg/m3	NO2 (mg/m3) –GPCB Limit-80 mg/m3
1	Ambient Air Monitoring. (Nov -21)	47.33	88.40	7.80	10.24
2	Ambient Air Monitoring (Feb -22)	48.62	90.23	7.22	10.80

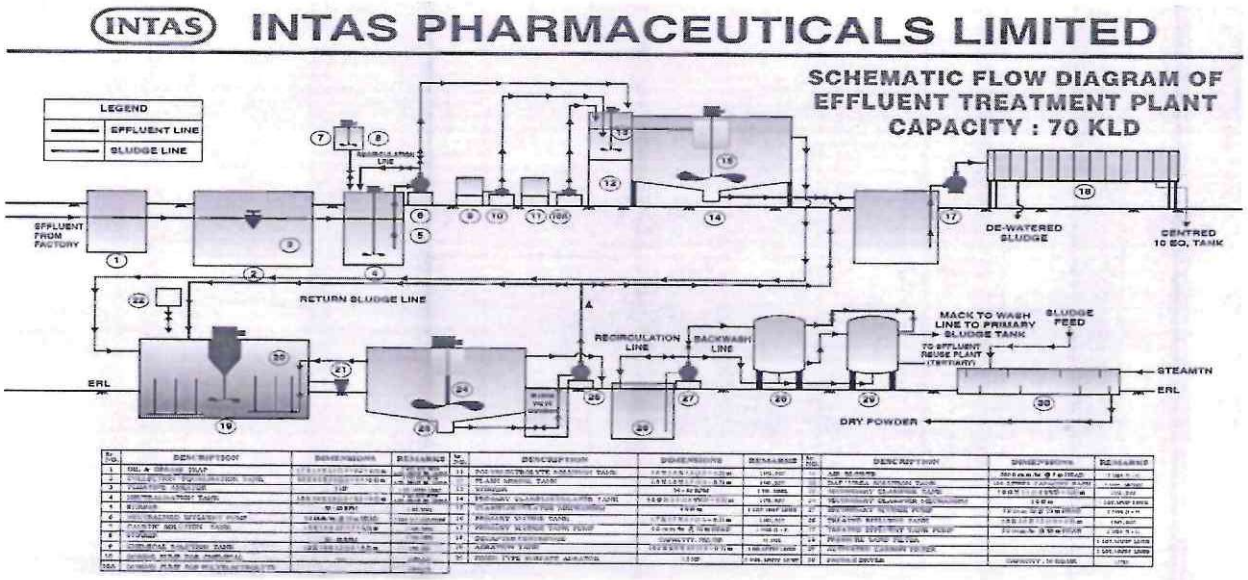
vi.	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling and conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water-sprinkling system shall be provided at loading and unloading area to control dust emissions. Fugitive emissions in the work zone environment product raw material storage area etc. shall be regularly monitored. The emissions shall be confirm to the limit of stipulated by the GPCB.	Closed handling provides adequate system and we are regularly monitoring respective work area. Handling will be done in closed system. Fugitive emission monitored done at regular intervals at site. Work zone monitoring is regularly carried out as per the Factories Act and records are maintained as per Form No. 37. Please refer **Annexure - 4**
vii	For further control of fugitive emissions, following steps shall be followed.	
	1 Closed handling system shall be provided for chemicals	Noted and Being Complied
	2 Reflux condenser shall provide over reactor.	Noted and Being Complied
	3. System of leak detection and repair of pump/pipeline based on preventive maintenance.	Well define preventive maintenance to Avoid leakage.
	4. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver condenser operated on chilled water.	Acid is transferred from storage tank to reactor through closed pipelines and Adequate safety control measure has been provided as per the factory act.
	5. Cathodic production shall be provided to the underground solvent storage tanks.	NA

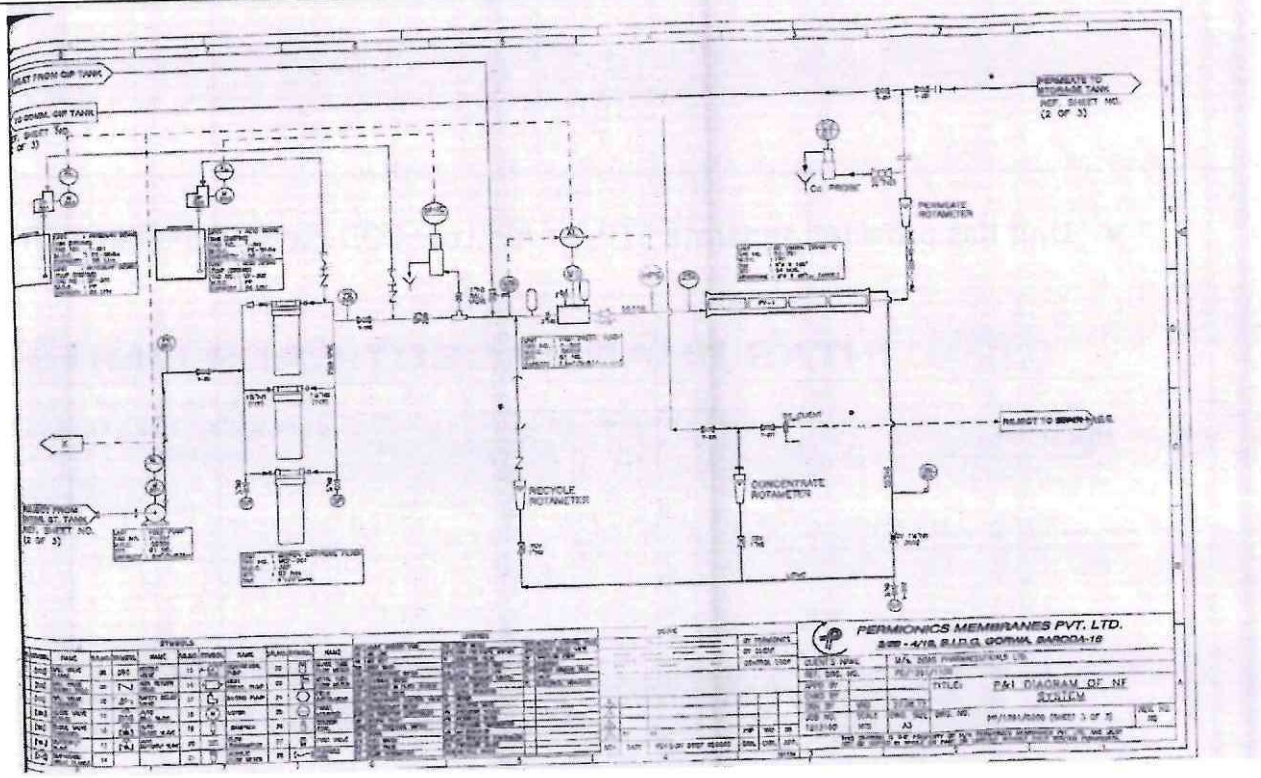
Noise Monitoring Report

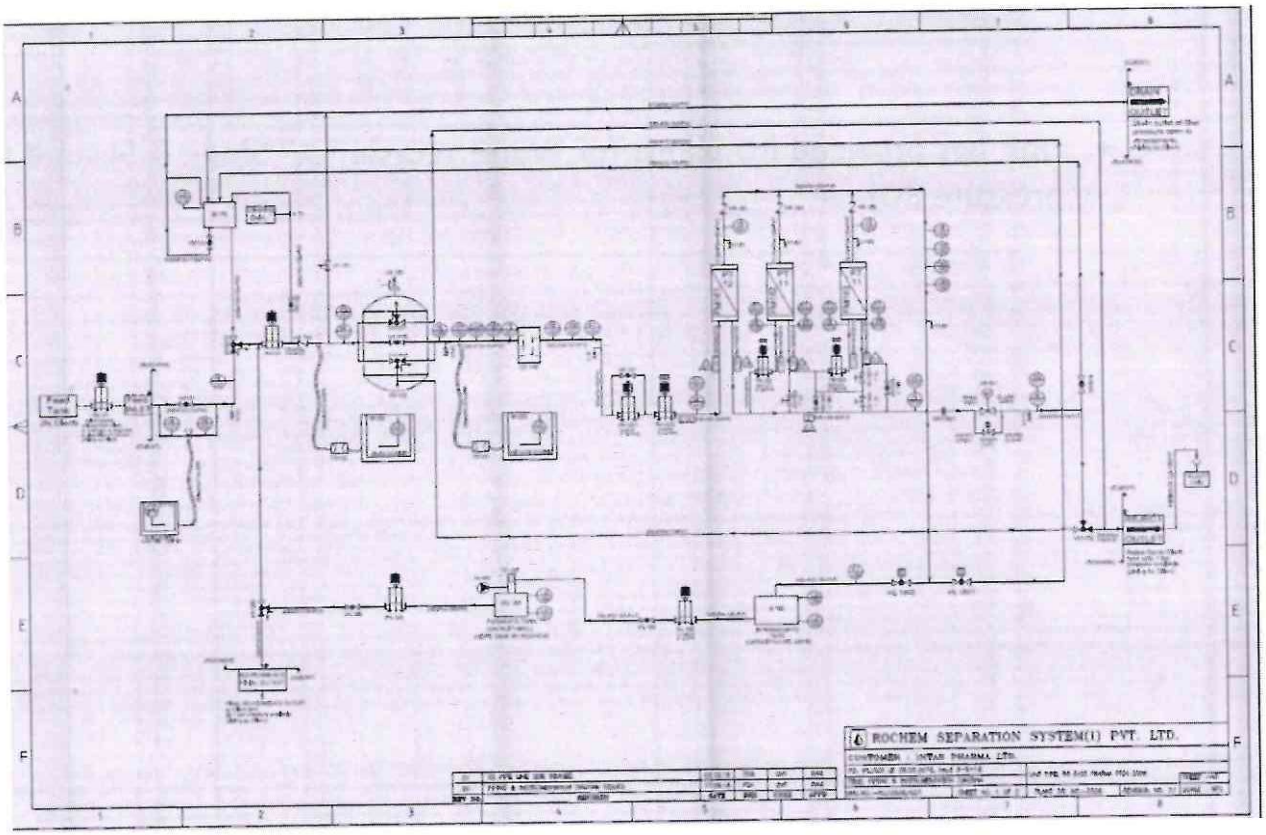
Sr. No.	Locations	Average Reading (dB) – Nov - 20 & Feb-20			
		Feb-22		Nov-21	
		3.30 PM to 03.50 PM (day Time). GPCB Limt-75 dB	11.25 PM to 11.45 PM (Night time). GPCB Limit – 70 dB	03.15 PM to 03.40 PM (day Time). GPCB Limt-75 dB	11.15 PM to 11.35PM (Night time) GPCB Limit – 70 dB
1	Near Main Gate	64.9	61.4	65.9	61.3
2	Near Bore well	72.2	64.8	71.8	64.3
3	Near Electric substation	71.4	65.7	70.8	64.8
4	Near Canteen	72.2	65.1	71.2	64.8
5	Near Utility Area	71.4	64.2	70.8	63.7
6	Near ETP.	72.1	64.9	71.9	64.4
7	Near Ware House	71.8	66.8	70.8	66.2
8	Inside Production Area	64.1	66.8	72.7	65.9

ix	**Solvent management shall be carried out as follows :**	
	1. Reactor shall be connected to chilled brine condenser system.	Complied. All reactor are connected to chilled brine condenser system All the solvents are being handle by pumping system with adequate safety Measures. All the installations Solvent area in the plant are with flame proof Fittings. Storage of solvent as Per MSDS and Under CCOE Approved Shed with Adequate Safety measures. Proper eaarthing are provided to all the transferring line and other associated piping and electrical equipment with jumpers at flange joint.
	2. Reactor and solvent handling pump have Mechanical seals to prevent leakages.	
	3. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.	
	4. Solvents shall be stored in a separate space Specified with all safety measures.	
	5. Proper earthling shall be provided in all the electrical equipment wherever solvent handling is done	
	6. Entire plant shall be flameproof. The solvent	

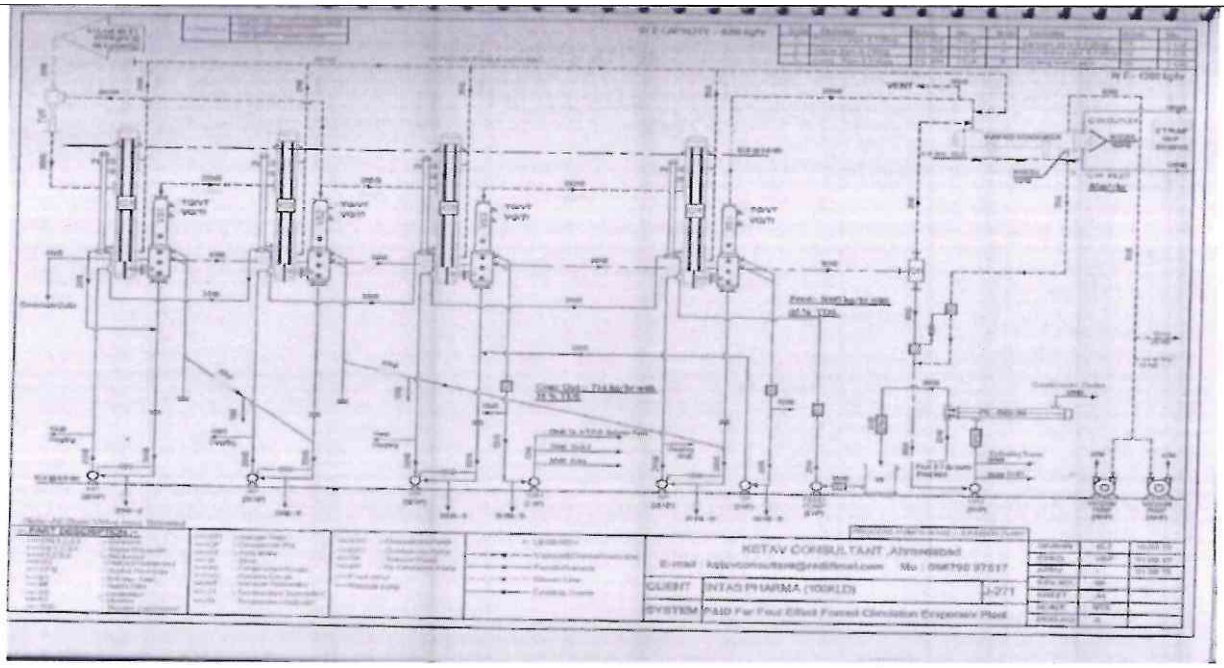
	storage tanks should be provided with breather valve to prevent losses.	
x	Total fresh water requirement from ground water source shall not exceed 45 m3/day and prior permission shall be obtained from the CGWA/SGWA.	Noted. NOC Obtained from CGWA NOC No. : CGWA/NOC/IND/ORIG/2020/8994  NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION Project Name: Intas Pharmaceuticals Limited. District: Ahmedabad State: Gujarat Application No.: 21-4/6788/GJ/IND/2020 Project Status: Existing Project NOC Type: New Ground Water Abstraction Permitted: Fresh Water 45.00 m³/day, 16790.00 m³/year (Compliance Conditions given overleaf)
xi	Industrial effluent generation shall not exceed 14.65 m3/day. Industrial effluent will be segregated in to High COD and low COD effluent streams. High COD stream will be evaporated in multi effect evaporated (MEE). Low COD effluent stream will be treated in ETP and treated effluent will be recycled and reused within the factory premises after achieving desired water quality for various purpose. Sewage shall be disposed through septic tank followed by soak pit	• For waste water management we have segregated all effluent in to high COD and low COD effluent • High COD effluent is being treated in stripper followed by Multi effect evaporator and its condensate water is being treated by ETP followed by RO/ high TDS MEE and ATFD. • Low COD effluent is being treated in ETP followed by RO and RO reject effluent is being concentrated in MEE followed by ATFD. All treated water is reused in site cooling tower. • Low volatile stripped out solvent is being incinerated in sister concern (Plot no 457/458) Incinerator. • Sewage is being treated through septic tank followed by soak pit

	• Unit has provided separate ETP for API Low COD /Low TDS Effluent Treatment  	
	• Unit has provided RO plants for Water recycle (1st Stage & Second stage High pressure RO)	

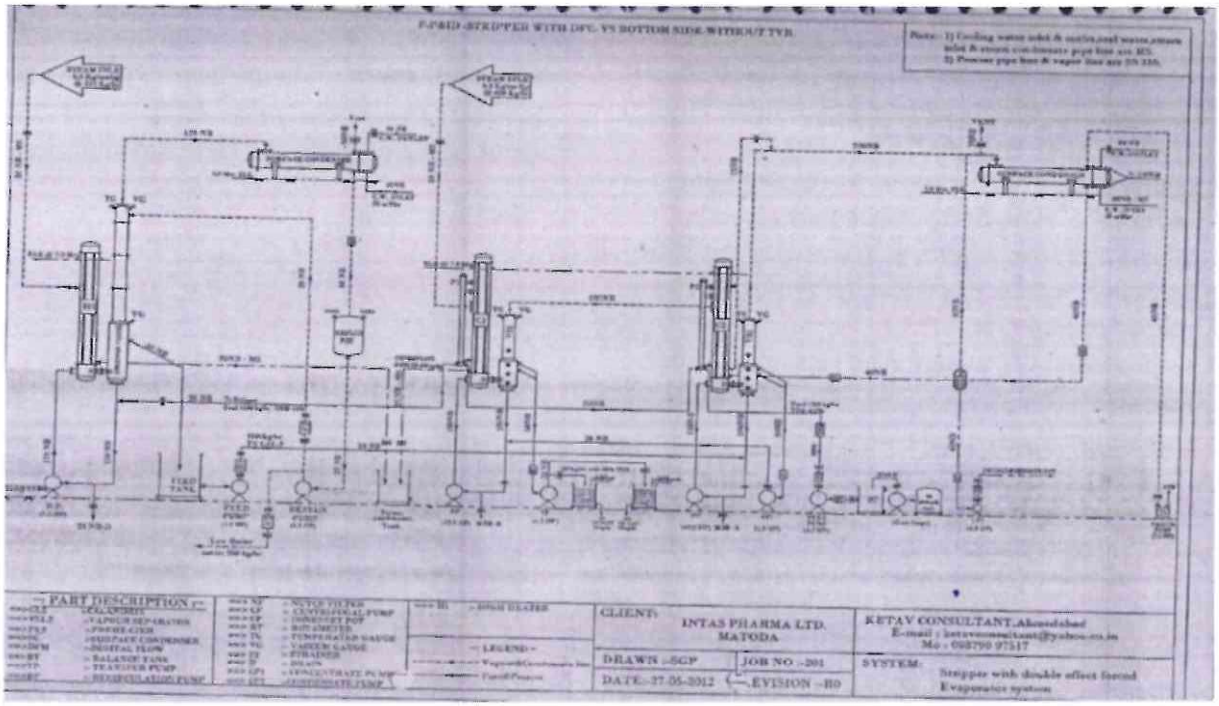




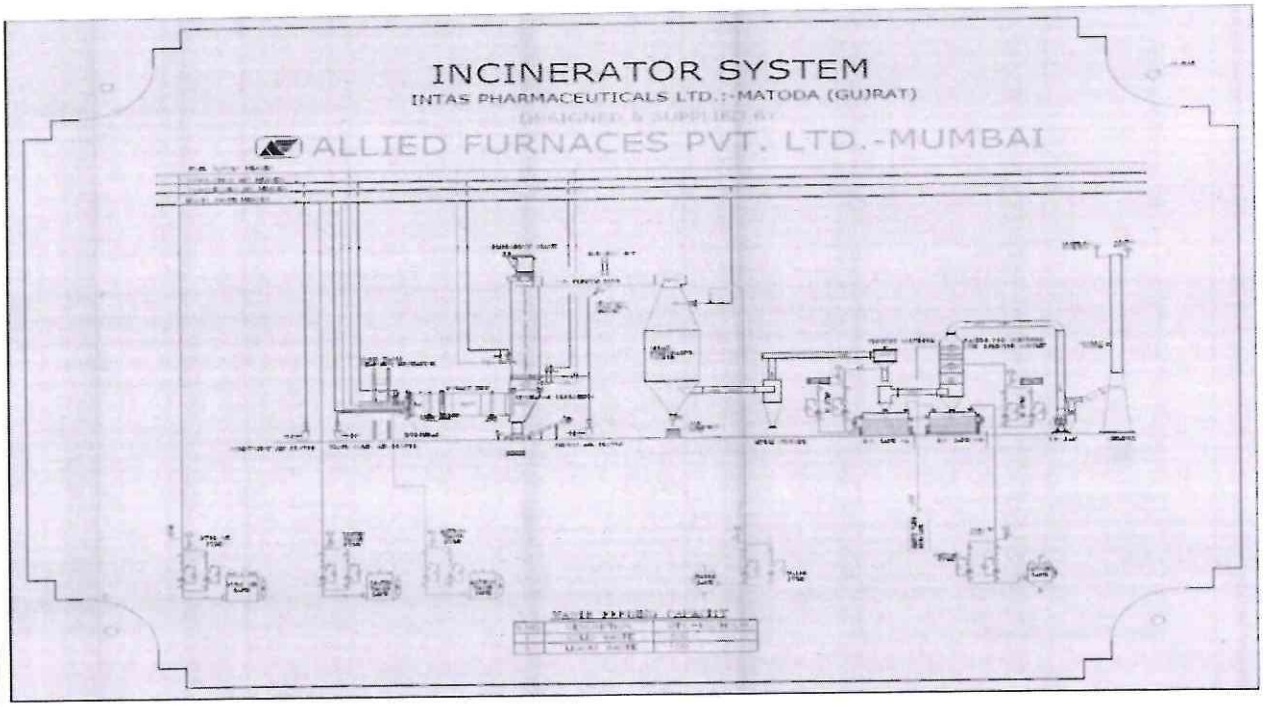
- Unit has provided High TDS MEE for RO Reject water treatment.



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

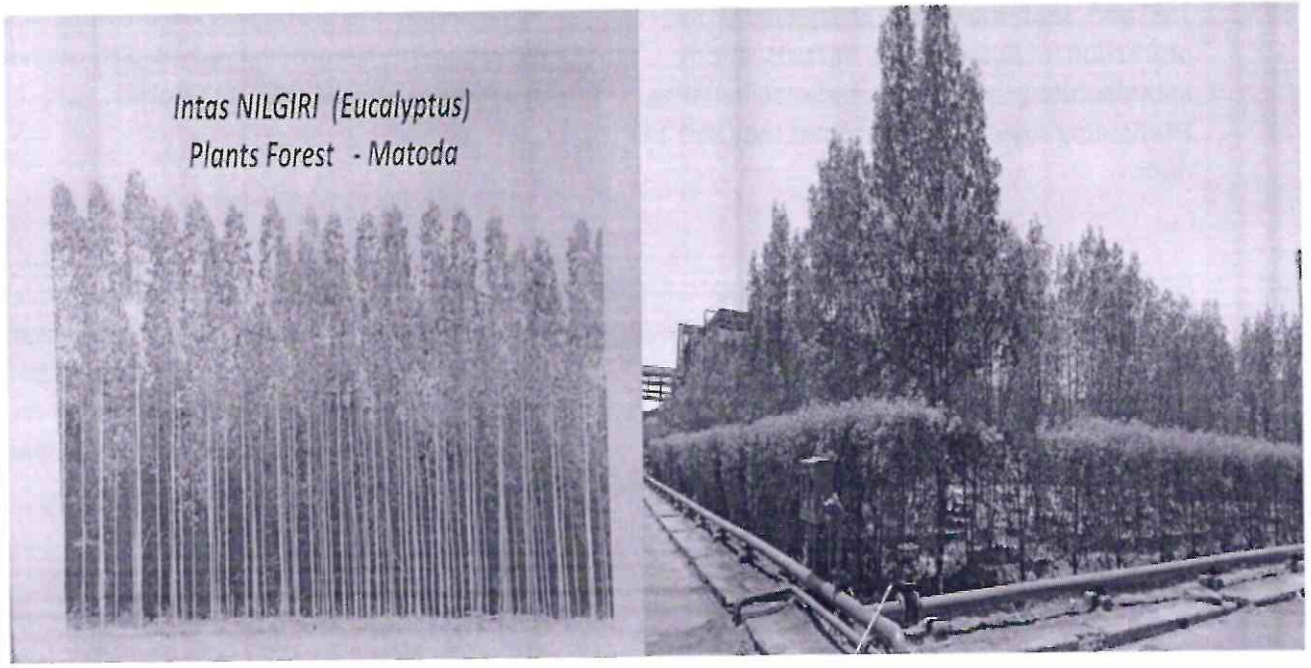


- Unit has provided latest technology Solid/Liquid waste fully automatic PLC based Rotary kiln Incinerator (Sister concern Incinerator –plot no 457/458)

		
xii	Hazardous chemicals shall be stored in tank, farms, drums, carboys, etc. Flame arresters shall be provided on the tank farm. Solvent transfer shall be by pumps	• Hazardous chemicals are stored in Drum and Drum storage under CCOE approved Shed WITH Adequate Safety and Environment Measures.
xiii	The company shall obtain authorization for Collection, Storage and Disposal of hazardous waste under the Hazardous waste rules, 2008 (MHTBM) and amended as on date for management of Hazardous waste and prior permission from GPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures will be taken for firefighting facility in case of emergency.	We are strictly following guidelines under the Hazardous waste (Management Handling and Tran's boundary movement) rules, 2008. We have obtained membership of approved TSDF site approved by GPCB.
xiv	As proposed ETP sludge shall be sent to TSDF. Process residue (organic) solvent residue and spent carbon will be sent to cement plant.	• ETP sludge are disposal to M/s Eco care infrastructure pvt. Ltd., Surendranagar survey no 127, Village- Ghaspur, Ta: Dasada, Dist: Surendranagar for treatment, storage and disposal facility. Membership no: ECIPL -213, which is valid from 06.01.2020 to 31.01.2023. • For Membership certificate & Undertaking of M/s. Eco Care infrastructures pvt. Ltd. , please refer Attached **Annexure -1(A) & 1(B)** • Solvent residue and spent carbon are incinerated in own incineration facility as per valid CCA condition (Sister concern Incinerator – plot no 457/458)
xv	The company shall strictly comply with the rules	Unit are strictly following guidelines as per MSIHC rules

	and guidelines under manufacture, storage and import of hazardous chemicals, (MSIHC) Rules, 1989 as amended in Oct., 1994 and January, 2000. All Transportations of Hazardous chemicals shall be as per the Motor Vehicle Act (MVA) 1989.	1989 as amended in Oct. 1994 and January 2000. Unit are also following the all Transportations of Hazardous chemicals as per the Motor Vehicle act (MVA) 1989.
xvi	Entire plant where solvents are used shall be flameproof. The solvent storage tanks shall be provided with breather valve to prevent losses	Noted and being complied
xvii	The company shall undertake following waste minimization measure	
	a. Metering and control of quantity of active ingredient of minimize waste.	Noted and being complied
	b. Reuse of by-product from the process as raw materials as raw material substitutes in other processes	Not applicable
	c. Use of automated filling to minimize spillage	Noted and being complied
	d. Use of close feed system in to batch reactors	Noted and being complied
	e. Venting equipment through vapor recovery system	Noted and being complied
	f. Use of high pressure hoses for equipment cleaning to reduce waste water generation	Noted and being complied
XViii	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the OISD 117 norms.	All necessary fire protectors are provided in work. Fire hydrant system, earthling provided throughout the premises as per the OISD 117 norms.
xix	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	As per factory act, Occupational health surveillance of the workers are being regularly and necessary records are being maintained. Last medical checkup for all company & contract employees has been carried out in **February-2022** Some medical report summary pasted as below.

Sr No.	Name	Age	Blood Pressure (mm Hg)	Pulse /Min	Hb g/dl	WBC/cmm	RBS mg/dl	ESR mm/hr	ECG Report
1	Krupal M. Butani	28	11284	70	15.6	6330	85.71	2	NORMAL
2	Snehal Padiya	36	120/86	74	15.2	9230	77.71	5	NORMAL
3	Dipak Thakre	39	120/84	72	14.8	6610	88.66	3	NORMAL
4	Hardik R. Patel	28	130/86	80	15.2	6330	82.82	5	NORMAL
5	Shailesh Chauhan	38	126/80	84	15	9630	74.79	4	NORMAL

xx	Develop green belt shell in 16,500 m^2 out of total area 50,000 m^2selection of plant species shall be as per the CPCB guidelines.	Green Belt developed in 16,500 m^2 land within Plant premises. Wide green belt developed on all side along with the periphery of the every manufacturing unit and warehouses. Listed trees developed in Unit Premises Golmor, Pipal, Rain tree, Pilto, Conocurpus, Kinjelia, Kodia, Nilgiri, Neem, Saru etc...
		
xxi	Provision shall be made for the housing for the construction labor within the site with all	Not applicable at this point of time

	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.	
B. GENERAL CONDITION		
i.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.	The company is committed to follow all statutory requirements stipulated by GPCB in Vide consent order NO. **AWH-91538** dated **28/02/2018** valid up to **11/02/2023** Copy of CC&A Attached as **Annexure-6**
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.	• 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.	• The location of ambient Air quality monitoring is decided in open space near Boiler Report for the same are attached separately as **Annexure-7**
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).	• The overall noise level is well within the limit for detail pl. refers as **Annexure - 5** for noise monitoring report. • Noise monitoring done by approved M/s. Akshar consultants
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 rainwater-harvesting system to recharge the ground water and conserve the ground water.

vi.	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	• Company has made compulsory induction training for every new employee about EHS awareness and evaluation checked by the written exam. • Company has made training calendar on various safety, health & environment topics such a way that all the employee covered in each topics. • Fire drill demonstration and awareness training provided to all department employee in every 02 months. • Environmental and safety mock drill conduct every 06 months at particular plant with various scenario. • During the environment day, safety week, fire day various training programme planned for awareness about safety and Environment. • First aid training conducted every year through state government approved doctor. And also in-house training Planned at every month by Factory Medical Officer.
vii.	Usage of Personnel Protection Equipment's by all employees/ workers shall be ensured.	The following PPE's are provided to the employees/workers and it's usage ensured: • Safety Helmet – **During operation** • Safety Shoes - **Mandatory** • Hand gloves (cotton, leather, rubber) – **During operation** • Safety Goggles - **Mandatory** • Working dress - **Mandatory** • Safety Belt –During working at Height
Viii	The Company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk, mitigation measures and public hearing relating	We have completed & implemented all the action for environmental protection measures and safeguard as recommended in EIA &EMP like, For waste water management, Unit is zero liquid Discharge (ZLD) and to achieve ZLD status unit has provide 03 Nos. of Multi Effect Evaporator (MEE) plant (out of 03 -01 plant is dedicated for RO reject, other 02

	to the project shall be implemented.	Nos. of MEE with solvent stripper is dedicated to treat high COD/TDS effluent), two stage reverse osmosis plant (RO), full – fledged effluent treatment plant (ETP) comprising of primary, secondary & tertiary treatment facility, solid-liquid incinerator & separate sewage treatment plant. • Further, unit has adopted source segregation philosophy for effluent generates from various unit operation / processes to achieve consistent performance. • Unit has provided in house incinerator in Plot No: 457 /458 for solid-liquid incinerable waste. • Unit is regular member of TSDF site of M/s. Eco care infrastructure pvt. Ltd., Surendranagar for disposal of ETP sludge / Incineration ash / MEE salt.
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.	The company take all relevant measures for improving the socioeconomic condition of surrounding area by involving local village and administration as per factory act. We are follow the CSR guideline. Recent development on community development attached for reference. Tree Plantation - Sarkhej - Bavla Roac Intas Impact Report CSR Activity.docx Data Sheet 2019-20 Girlchild Education I
x	The company shall undertake eco - developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Details of eco development measures implemented including community development measures in projet area is attached as per below Tree Plantation - Sarkhej - Bavla Roac Intas Impact Report CSR Activity.docx Data Sheet 2019-20 Girlchild Education I

INTAS Girl Child Education Programme.

Introduction

Intas is supporting girl child education by providing scholarship support to the talented 332 girl student. The girl children are coming from the financially weak background or they're forced to put down their education and are getting early marriage. With the support of INTAS, 332 girl children are able to continue their studies and able to move ahead in life. Following are the list of 332 (on-going) across various area of Gujarat:

SR. NO.	LOCATION	TOTAL BENEFICIARIES
1	MATODA	100
2	MORAIYA	60
3	SANAND	42
4	VATVA	30
5	ANKLESHWAR	50
6	VALIA	50
TOTAL		332

Situation before scholarship and current situation

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

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

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

Home Visits

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

Girls are going to school on regular basis.

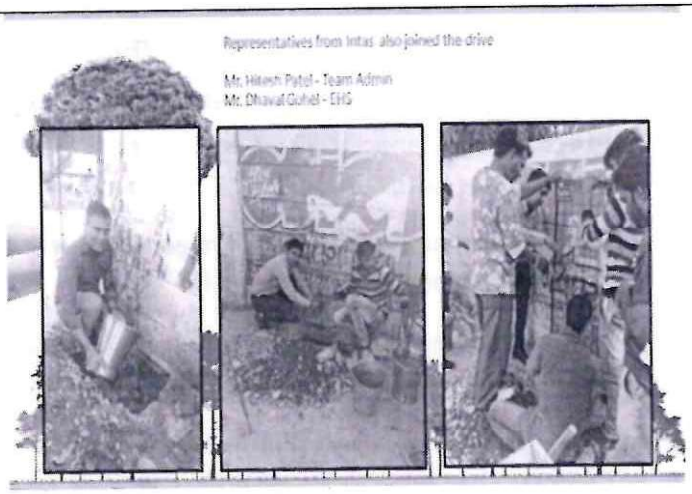
Most of the girls want to do further education but due to lack of educational facilities in the village, it becomes very difficult for parents to agree. Also, safety is the huge issue that the parents are scared to allow the girls for further education. Colleges are far from the

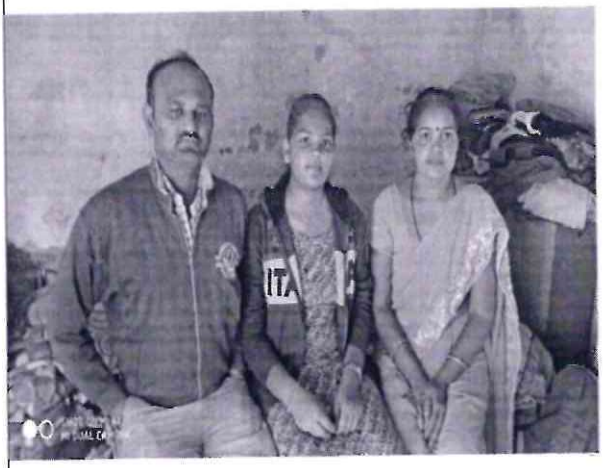
Few of the parents are having financial problem and hence, they're not having any option to provide higher educational needs for the girl child.

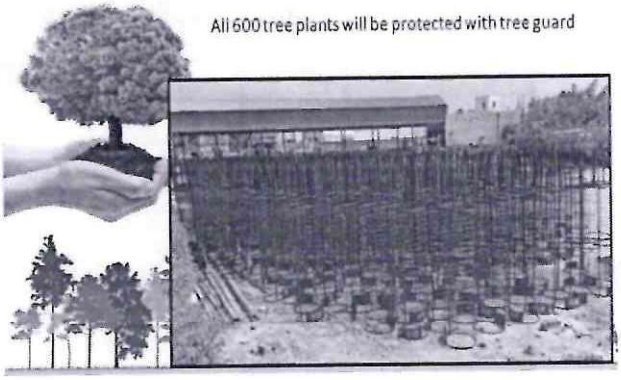
During the visit, we found that parents have only 1 child (son) and they also want to have scholarship as the children is bright but financial situation is not possible to meet the educational needs.

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

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







Xi	A separate environmental management cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management aonitoring functions.	Separate EHS management Cell is in Place & Functioning well. Organ gram of EHS management cell is below. We have also established adequate ETP laboratory to analyzing basic parameter pH, COD, BOD, TDS, TSS, MLSS, MLVSS etc....for detail analysis we have done by GPCB approved M/s. Akshar Consultant

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	+ 30 yrs.	BE (Chemical +PDIS+PDIET)
A.G.M.	Dr. Gaurav Jain	+ 17 yrs	MBBS , M.D.
Sr. Manager	Mr. Kalpesh Patel	+ 20 Yrs	Diploma in Chemical + PDIS
Manager	Mr. Hitesh Dave	+ 15 yrs	B.E. Mechanical +PDIS
Asst. Manager	Mr. Ritesh Patel	+ 20 Yrs	Bsc. Chemistry
Asst. Manager	Mr. Punit Patel	+ 12 yrs	Bsc. Chemistry + PDIS
Sr. Executive	Mr. Amrish Prajapati	+10 Yrs.	BE Chemical + PDIS
Executive	Mr. Ramesh Khatik	+10 Yrs.	BE Chemical + PDIS
Sr. Officer (Env.)	Shift Officers (06 Nos)	+ 10 Yrs.	Bsc. Chemistry
Maintenance Engg.	Shift Engg. (02 Nos)	+ 03 Nos.	B.E. Mechanical
Officer (OHC)	Shift male Nurse (04 Nos)	+ 5 Yrs.	General Nursing
Fire Officer (Safety)	Shift Officers	+ 15 Yrs.	I.T.I. Fire
Operator (Env)	Shift Operators (19 Nos)	+ 10 Yrs.	I.T.I or 12 Pass
Technician (Env)	Shift Technicians(06 Nos)	+ 10 Yrs.	I.T.I.

EHS Organ gram Attached As **Annexure -8**

xii	As proposed the company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for Environment Management / Pollution Control measures shall not be diverted for any other purpose.	Sufficient fund earmarked and used to implement Environment management /pollution control measures as stipulated in conditions.
xiii	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zillaparisad / Municipal Corporation, Urban local body and the local NGO, if any, from who suggestions / representations, if any, were received while processing the proposal.	We have intimated about grant of EC to concern authorities like panchayat /zila parishad/Municipal corporation.

		
xiv	The project proponent shall also submit six monthly reports on the status of Compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by E-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six monthly compliance shall be posted on the website of the company.	We are regularly Submit the six-monthly reports on the status of compliance to respective regional office of MOEF /GPCB.
xv	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MOEF by E-mail.	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. Copy of Form V submitted to GPCB for the year 2020 - 21 , is attached for your ready reference as **Annexure-9**
xvi	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/ Committee and may also be seen at	EC file no. J-11011/493/2009-IA II(I) issued by MoEF on year - 2011 .After receiving the EC advertisement for granted EC has been given in English News Paper & Gujarati Newspaper and also inform to ministry about

	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.	advertisement through letter..
xvii	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Same are informing to concern regional office as well as Ministry.

Annexure Details	
Annexure No.	**Item Description**
1 (A)	Eco care TSDF membership certificate
1(B)	Eco care TSDF Undertaking
2	Annual return form-IV
3	Process stack Monitoring Reports
4	Work area monitoring report form-37

5	Noise monitoring reports
6	CC & A Copy
7	Ambient air Monitoring Report
8	EHS Organ gram
9	Environment statement Form – V
10	Analysis report of Treated Effluent sample
11	Analysis report of ETP sludge Sample
12	Work area Air Monitoring report

Annexure. 1(A)

EcoCARE
Infrastructures Private Limited

501, Fifth Floor, Mansarovar Avenue, Opp. Tulsishyam Flats, Bhimjipura, Nava Vadaj, Ahmedabad - 380 013. Gujarat. INDIA.
M. : 7283889988 E-mail : ecocare@ecocareinfra.com Website : www.ecocareinfra.com

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. ECOCARE INFRASTRUCTURES PVT. LTD.

for Treatment, Storage and Disposal Facility (TSDF).

Situated at Survey No. 127, Village: Ghaspur,

Tal.: Dasada, Dist.: Surendranagar.

This membership is valid for a period of 3 years.

Membership No.	**: ECIPL-213**
Membership Renewal Date	**: 06-01-2020**
Membership Expired on	**: 31-01-2023**

FOR, ECOCARE INFRASTRUCURES PVT. LTD.

Dipen P Patel.

(MANAGING DIRECTOR)

Annexure- 1(B)

UNDERTAKING

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

To,

EcoCARE Infrastructures Private Limited

Survey No. -127,

Village :Ghaspur,

Ta.: Dasada,

Dist.: Surendranagar-382765

We, INTAS PHARMACEUTICALS LIMITED.

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

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

We hereby undertake that

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

NUTAN NAGRIK SAHAKARI BANK LTD. CHANGODAR BRANCH AHMEDABAD - 382213 GUJ/SOS/AUTH/AV/1255/2000 INDIA Rs. 300.00 17.12.2019 STAMP DUTY 00000 SPECIAL ADHESIVE GUJARAT 1258 7219383

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

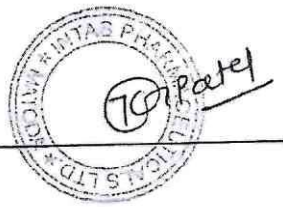
Place: INTAS, MATODA

Date:

Kalpesh M. Patel

Manager - EHS

Name and designation of Person Signing



Signature with seal of Unit

Annexure- 2

FORM 4

[See rule 5(6) and 22(2)]

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

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

(For the period 01-04-2020 to 31-03-2021)

1.	Name and Address of the generator / operator of facility	:	Intas Pharmaceuticals Limited, Plot No. 191, Village: Chacharwadi. Sarkhej – Bavla Highway, Ta : Sanand. District: Ahmedabad. .	
2.	Name of the Authorized person and full address with telephone and fax number:	:	Intas Pharmaceuticals Limited, Plot No. 191, Village: Chacharwadi. Sarkhej – Bavla Highway, Ta: Sanand. District: Ahmedabad. Telephone No: 02717661125.	
3.	Description of hazardous waste	:	Physical form with description	Chemical form
			ETP sludge	Semisolid / Cake
			Incinerator Ash	Powder
			Used Oil-Oily matter	Liquid
			Discarded Container	Drum / Plastic Tank
			Off specification Drugs	Solid / Liquid
			Process Residue	Semi Liquid
4.	Quantity of hazardous wastes (in MTA):	:	Type of hazardous waste	Quantity(in Tones/KL)
			ETP sludge (Category 35.3)	08 MT
			Incinerator Ash (Category 37.2)	Nil
			Used Oil-Oily matter (Category 5.1)	Nil
			Discarded Container (Category 33.1)	Nil
			Off specification Drugs(Category 28.4)	Nil
			Process Residue (Category 28.1)	6.921 MT
5.	Description of Storage	:	ETP sludge are filled into Jute bags and stored into isolated storage area.	
6.	Description of Treatment	:	Not Applicable	

FORM 4

[See rule 5(6) and 22(2)]

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

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

* Delete whichever is not applicable

\# enclose list of the agencies

Date: 10/05/21
Place: Chacharawadi,

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

Annexure-3

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

Report No. : AC/AIR/21-22/693 Date : 14-02-2022

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 08-02-2022
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 00 AM
SAMPLING LOCATION	: Vent attached to HCl scrubber of wing – 1.	VENT HEIGHT : 15 Mtr.

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/Nm3	mg/Nm3
Hydrochloric Acid (HCl)	**12.66**	**20.00**
Chlorine	**Nil**	**9.00**
Sulphur Di-oxide (SO_2)	**Nil**	**40.00**
Oxides of Nitrogen (NOx)	**Nil**	**25.00**
Ammonia	**Nil**	**175.00**
H_2S	**Nil**	**45.00**
CS_2	**Nil**	**180.00**
CO	**Nil**	**150.00**
Hydro Carbon (VOC)	**Nil**	**45.00**
Mercaptan	**Nil**	**0.5 (by volume)**

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

ANALYSED BY, FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Analyst) (Authorised Signatory)

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

Report No. : AC/AIR/21-22/694 Date : 14-02-2022

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 08-02-2022
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 45 AM
SAMPLING LOCATION	: Vent attached to HCl scrubber of wing – 2.	VENT HEIGHT : 15 Mtr.

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/Nm3	mg/Nm3
Hydrochloric Acid (HCl)	**11.15**	**20.00**
Chlorine	**Nil**	**9.00**
Sulphur Di-oxide (SO_2)	**Nil**	**40.00**
Oxides of Nitrogen (NOx)	**Nil**	**25.00**
Ammonia	**Nil**	**175.00**
H_2S	**Nil**	**45.00**
CS_2	**Nil**	**180.00**
CO	**Nil**	**150.00**
Hydro Carbon (VOC)	**Nil**	**45.00**
Mercaptan	**Nil**	**0.5 (by volume)**

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/695 Date : 14-02-2022

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 08-02-2022
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 45 AM
SAMPLING LOCATION	: Vent attached to Solvent Vapour scrubber of wing – 1.	VENT HEIGHT : 15 Mtr.

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/Nm3	mg/Nm3
Hydrochloric Acid (HCl)	**Nil**	**20.00**
Chlorine	**Nil**	**9.00**
Sulphur Di-oxide (SO_2)	**Nil**	**40.00**
Oxides of Nitrogen (NOx)	**Nil**	**25.00**
Ammonia	**Nil**	**175.00**
H_2S	**Nil**	**45.00**
CS_2	**Nil**	**180.00**
CO	**Nil**	**150.00**
Hydro Carbon (VOC)	**8.10**	**45.00**
Mercaptan	**Nil**	**0.5 (by volume)**

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/696 Date : 14-02-2022

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 08-02-2022
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 15 PM
SAMPLING LOCATION	: Vent attached to Solvent Vapour scrubber of wing – 2.	VENT HEIGHT : 15 Mtr.

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/Nm3	mg/Nm3
Hydrochloric Acid (HCl)	**Nil**	**20.00**
Chlorine	**Nil**	**9.00**
Sulphur Di-oxide (SO_2)	**Nil**	**40.00**
Oxides of Nitrogen (NOx)	**Nil**	**25.00**
Ammonia	**Nil**	**175.00**
H_2S	**Nil**	**45.00**
CS_2	**Nil**	**180.00**
CO	**Nil**	**150.00**
Hydro Carbon (VOC)	**6.80**	**45.00**
Mercaptan	**Nil**	**0.5 (by volume)**

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/462 Date : 19-11-2021

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 15-11-2021
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 30 AM
SAMPLING LOCATION	: Vent attached to HCl scrubber of wing – 1.	VENT HEIGHT : 15 Mtr.

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/Nm3	mg/Nm3
Hydrochloric Acid (HCl)	**11.25**	**20.00**
Chlorine	**Nil**	**9.00**
Sulphur Di-oxide (SO_2)	**Nil**	**40.00**
Oxides of Nitrogen (NOx)	**Nil**	**25.00**
Ammonia	**Nil**	**175.00**
H_2S	**Nil**	**45.00**
CS_2	**Nil**	**180.00**
CO	**Nil**	**150.00**
Hydro Carbon (VOC)	**Nil**	**45.00**
Mercaptan	**Nil**	**0.5 (by volume)**

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

ANALYSED BY, FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Analyst) (Authorised Signatory)

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

Report No. : AC/AIR/21-22/463 Date : 19-11-2021

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 15-11-2021
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 10 AM
SAMPLING LOCATION	: Vent attached to HCl scrubber of wing – 2.	VENT HEIGHT : 15 Mtr.

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/Nm3	mg/Nm3
Hydrochloric Acid (HCl)	**10.40**	**20.00**
Chlorine	**Nil**	**9.00**
Sulphur Di-oxide (SO_2)	**Nil**	**40.00**
Oxides of Nitrogen (NOx)	**Nil**	**25.00**
Ammonia	**Nil**	**175.00**
H_2S	**Nil**	**45.00**
CS_2	**Nil**	**180.00**
CO	**Nil**	**150.00**
Hydro Carbon (VOC)	**Nil**	**45.00**
Mercaptan	**Nil**	**0.5 (by volume)**

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/464 Date : 19-11-2021

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 15-11-2021
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 12 : 05 PM
SAMPLING LOCATION	: Vent attached to Solvent Vapour scrubber of wing – 1.	VENT HEIGHT : 15 Mtr.

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/Nm3	mg/Nm3
Hydrochloric Acid (HCl)	**Nil**	**20.00**
Chlorine	**Nil**	**9.00**
Sulphur Di-oxide (SO_2)	**Nil**	**40.00**
Oxides of Nitrogen (NOx)	**Nil**	**25.00**
Ammonia	**Nil**	**175.00**
H_2S	**Nil**	**45.00**
CS_2	**Nil**	**180.00**
CO	**Nil**	**150.00**
Hydro Carbon (VOC)	**6.05**	**45.00**
Mercaptan	**Nil**	**0.5 (by volume)**

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/465 Date : 19-11-2021

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 15-11-2021
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 00 PM
SAMPLING LOCATION	: Vent attached to Solvent Vapour scrubber of wing – 2.	VENT HEIGHT : 15 Mtr.

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/Nm3	mg/Nm3
Hydrochloric Acid (HCl)	**Nil**	**20.00**
Chlorine	**Nil**	**9.00**
Sulphur Di-oxide (SO_2)	**Nil**	**40.00**
Oxides of Nitrogen (NOx)	**Nil**	**25.00**
Ammonia	**Nil**	**175.00**
H_2S	**Nil**	**45.00**
CS_2	**Nil**	**180.00**
CO	**Nil**	**150.00**
Hydro Carbon (VOC)	**5.95**	**45.00**
Mercaptan	**Nil**	**0.5 (by volume)**

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(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: 26.10.2021

Date of Report: **03.11.2021**

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m³	TWA concentration (As given In second Schedule in mg/m³	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/m³							
	1	2	3	4	5	6	7	8	9	10	11	12
1	Block B FF	PM 2.5	Fine Dust Sampler	1	15.87 µg/ m³	15.87 µg/ m³	40 µg/ m³	Standard Method	04	--	Sanjay Panchal	VISHAL B. PATEL
		PM 10			32.10 µg/ m³	32.10 µg/ m³	60 µg/ m³					
		SO2	Gaseous Air Sampler		BDL	BDL	50 µg/ m³					
		NO2			1.39 µg/ m³	1.39 µg/ m³	40 µg/ m³					
		Methiline Di Chloride			BDL	BDL	15 ppm					
		N Butanol			BDL	BDL	50 ppm					
		Acetone			4.96 ppm	4.96 ppm	1000 ppm					

Note: BDL= Below Detectable Limit

VISHAL B. PATEL (CONFINED SPACE, TFH, OVENS & HEATERS)
COMPETENT PERSON DECLARED BY DIRECTOR
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521&0654/2014&2017

Competent Person Approved By Director Industrial Safety & Health Gujarat
VISHAL B. PATEL
GUJ/DISH/
CPT/A/0521

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: 26.10.2021

Date of Report: **03.11.2021**

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m³	TWA concentration (As given In second Schedule in mg/m³	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/m³							
	1	2	3	4	5	6	7	8	9	10	11	12
1	Block B FF	PM 2.5	Fine Dust Sampler	1	12.07 µg/ m³	12.07 µg/ m³	40 µg/ m³	Standard Method	03	--	Sanjay Panchal	VISHAL B. PATEL
		PM 10			2145 µg/ m³	21.45 µg/ m³	60 µg/ m³					
		SO2	Gaseous Air Sampler		BDL	BDL	50 µg/ m³					
		NO2			BDL	BDL	40 µg/ m³					
		Methiline Di Chloride			3.20 µg/ m³	3.20 µg/ m³	15 ppm					
		N. Butanol			BDL	BDL	50 ppm					

Note: BDL= Below Detectable Limit

VISHAL B. PATEL (CONFINED SPACE, TFH, OVENS & HEATERS)
COMPETENT PERSON DECLARED BY DIRECTOR
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521&0654/2014&2017

Competent Person Approved By Director Industrial Safety & Health Gujarat
VISHAL B. PATEL
GUJ/DISH/
CPT/A/0521

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: 26.10.2021

Date of Report: **03.11.2021**

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m³	TWA concentration (As given In second Schedule in mg/m³	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/m³							
	1	2	3	4	5	6	7	8	9	10	11	12
1	Block C FF (Passage)	PM 2.5	Fine Dust Sampler	1	8.3 µg/ m³	8.3 µg/ m³	40 µg/ m³	Standard Method	04	--	Sanjay Panchal	VISHAL B. PATEL
		PM 10			15.48 µg/ m³	15.48 µg/ m³	60 µg/ m³					
		SO2	Gaseous Air Sampler		BDL	BDL	50 µg/ m³					
		NO2			BDL	BDL	40 µg/ m³					
		Acetic Acid			5.3 µg/ m³	5.3 µg/ m³	10 ppm					
		Hexane			BDL	BDL	500 ppm					
		Acetone			4.45 ppm	4.45 ppm	1000 ppm					

Note: BDL= Below Detectable Limit

VISHAL B. PATEL (CONFINED SPACE, TFH, OVENS & HEATERS)
COMPETENT PERSON DECLARED BY DIRECTOR
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521&0654/2014&2017

Approved By Director Industrial Safety & Health, Gujarat
VISHAL B. PATEL
GUJ/DISH/
CPT/A/0521
Competent Person

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: 26.10.2021

Date of Report: **03.11.2021**

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m³	TWA concentration (As given In second Schedule in mg/m³	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/m³							
	1	2	3	4	5	6	7	8	9	10	11	12
1	API – Mfg. (Block C)	PM 2.5	Fine Dust Sampler	1	10.25 µg/ m³	10.25 µg/ m³	40 µg/ m³	Standard Method	02	--	Sanjay Panchal	VISHAL B. PATEL
		PM 10			19.24 µg/ m³	19.24 µg/ m³	60 µg/ m³					
		SO2	Gaseous Air Sampler		BDL	BDL	50 µg/ m³					
		NO2			BDL	BDL	40 µg/ m³					
		Hexane			BDL	BDL	500 ppm					
		Acetone			5.84 ppm	5.84 ppm	1000 ppm					

Note: BDL= Below Detectable Limit

VISHAL B. PATEL (CONFINED SPACE, TFH, OVENS & HEATERS)
COMPETENT PERSON DECLARED BY DIRECTOR
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521&0654/2014&2017

Competent person Approved By Director Industrial Safety & Health Gujarat
VISHAL B. PATEL
GUJ/DISH/
CPT/A/0521

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: 27.10.2021

Date of Report: **03.11.2021**

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m³	TWA concentration (As given In second Schedule in mg/m³	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/m³							
	1	2	3	4	5	6	7	8	9	10	11	12
1	Block C GF (Passage)	PM 2.5	Fine Dust Sampler	1	8.54 µg/ m³	8.54 µg/ m³	40 µg/ m³	Standard Method	02	--	Sanjay Panchal	VISHAL B. PATEL
		PM 10			17.25 µg/ m³	17.25 µg/ m³	60 µg/ m³					
		SO2	Gaseous Air Sampler		BDL	BDL	50 µg/ m³					
		NO2			BDL	BDL	40 µg/ m³					
		Methiline Di Chloride			4.12 Ppm	4.12 ppm	15 ppm					
		Hexane			BDL	BDL	500 ppm					
		Acetone			3.50 ppm	3.50 ppm	1000 ppm					

Note: BDL= Below Detectable Limit

VISHAL B. PATEL (CONFINED SPACE, TFH, OVENS & HEATERS)
COMPETENT PERSON DECLARED BY DIRECTOR
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521&0654/2014&2017

Competent Person Approved By Director Industrial Safety & Health Gujarat
VISHAL B. PATEL
GUJ/DISH/
CPT/A/0521

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: 26.10.2021

Date of Report: **03.11.2021**

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m³	TWA concentration (As given In second Schedule in mg/m³	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/m³							
	1	2	3	4	5	6	7	8	9	10	11	12
1	Ware House-Passage Area (Chemical Storage) API	PM 2.5	Fine Dust Sampler	1	11.03 µg/ m³	11.03 µg/ m³	40 µg/ m³	Standard Method	04	--	Sanjay Panchal	VISHAL B. PATEL
		PM 10			22.46 µg/ m³	22.46 µg/ m³	60 µg/ m³					
		SO2	Gaseous Air Sampler		BDL	BDL	50 µg/ m³					
		NO2			BDL	BDL	40 µg/ m³					
		Ammonia (NH3)			2.10 µg/ m³	2.10 µg/ m³	100 µg/ m³					
		Stanic Chloride			BDL	BDL	--					
		Methiline Di Chloride			BDL	BDL	15 ppm					

Note: BDL= Below Detectable Limit

VISHAL B. PATEL (CONFINED SPACE, TFH, OVENS & HEATERS)
COMPETENT PERSON DECLARED BY DIRECTOR
INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521&0654/2014&2017

Competent Person Approved By Director Industrial Safety & Health Gujarat
VISHAL B. PATEL
GUJ/DISH/
CPT/A/0521

Annexure- 5

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

INSTANTANEOUS NOISE LEVEL MONITORING REPORT

Name of Company : Intas Pharmaceuticals Ltd.

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

Date : 15-11-2021

Sr. No.	LOCATIONS	AVERAGE READING (dB)			
		04:10 PM to 04:45 PM (day time)	GPCB Limit (dB)	10:40 PM to 11:05 PM (night time)	GPCB Limit (dB)
01	Near main gate no.1.	66.3	75	62.4	70
02	Near main gate no. 2.	69.4	75	62.3	70
03	Near NE corner of premises.	70.3	75	62.4	70
04	Near SE corner of premises.	69.3	75	61.4	70
05	Near boiler house.	72.4	75	64.7	70
06	Near ETP.	73.0	75	65.2	70
07	Near RM storage area.	68.7	75	62.9	70
08	Near administration building.	65.0	75	63.2	70
09	Near pump house.	72.4	75	66.0	70
10	Near DG set & compressor room	72.4	75	66.2	70

Measured by,

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(AUTHORISED SIGNATORY)

Noicana

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

INSTANTANEOUS NOISE LEVEL MONITORING REPORT

Name of Company : Intas Pharmaceuticals Ltd.

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

Date : 08-02-2022

Sr. No.	LOCATIONS	AVERAGE READING (dB)			
		04:00 PM to 04:35 PM (day time)	GPCB Limit (dB)	10:45 PM to 11:10 PM (night time)	GPCB Limit (dB)
01	Near main gate no.1.	68.4	75	63.6	70
02	Near main gate no. 2.	69.7	75	63.2	70
03	Near NE corner of premises.	69.9	75	62.1	70
04	Near SE corner of premises.	70.4	75	62.8	70
05	Near boiler house.	72.9	75	65.1	70
06	Near ETP.	73.2	75	64.7	70
07	Near RM storage area.	69.5	75	62.2	70
08	Near administration building.	64.8	75	61.7	70
09	Near pump house.	72.9	75	66.8	70
10	Near DG set & compressor room	72.0	75	65.3	70

Measured by,

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(AUTHORISED SIGNATORY)

Noicana

Annexure- 6

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

GPCB

BY RPAD

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

And whereas Board ha0s received consolidated consent application No.**132347** dated **23/01/2018** For the Renewal of Consolidated Consent and Authorization (CC & A) of his Board under the provisions/rules of the aforesaid Acts. Consents & Authorization are hereby granted as under

CONSENTS AND AUTHORISATION:
(Under the provisions /rules of the aforesaid environmental acts)

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

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

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

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

Specific Condition: 1. You shall strictly comply with all the condition of E.C. (F.No. J-11011/493/2009-IALL (I) dated 25- 8-2011)
2. You shall strictly adhere to the undertaking submitted dated 30/03/2015

2 **CONDITION UNDER THE WATER ACT**

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

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

2.2 The quantity of trade effluent from the industrial plant shall not exceed 14.65 KLPD.

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

The quantity of sewage effluent from the industrial plant shall not exceed 5 KLPD.

Outward No: 4893 Dt: 21/03/2018

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

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

All efforts shall be made to remove colour & unpleasant odour as far as practicable

2.5 The final treated effluent confirming to the above standards shall be further taken to NANO & RO system and shall be utilized to recycle & reuse within plant remises (i.e. ZERO discharge) and there shall be no discharge of waste water outside by any means.

2.6 All the effluent treatment units shall be operated and maintained efficiently so that the treated effluent always conforms to the specifications referred in condition no 2.4 above.

2.7 Domestic effluent shall be disposed of through septic tank/soak pit system

3. **CONDITIONS UNDER THE AIR ACT:**

3.1 The following shall be used as fuel

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

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

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

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	DG Set 650 KVA	12 Meter	---	Particulate Matter	150 mg/NM^3
				SO_2	100 ppm
				NO_x	50 ppm

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

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	HCl Scrubber No 1&2	15 Meter	Packed Column Scrubber Consting Of Ventury Scrubber Followed By Alkali Scrubber	SO2	40 mg/NM3
				NOx	25 mg/NM3
	Solvent Vapour Scrubber No 1&2	15 Meter		HCL	20 mg/NM3

GPCB

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar** 382 010
Phone : (079) 23222425
(079) 23232152
Fax : (079) 23232156
Website : www.gpcb.gov.in

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

PARAMETERS	PERMISSIBLE LIMIT Annual	PERMISSIBLE LIMIT 24 hrs. Average
Particulate Matter -10	60 Microgram/NM^3	100 Microgram/M^3
Particulate Matter 2.5	40 Microgram/NM^3	60 Microgram/M^3
SO_2	50 Microgram/NM^3	80 Microgram/M^3
NO_x	40 Microgram/NM^3	80 Microgram/M^3

3.6 The applicant shall install & operate air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified in condition No. 3.3 7 3.5 above.

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

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

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

4 **GENERAL CONDITIONS** -

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

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

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

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

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

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

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

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

Outward No:448937, 26/03/2018

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

5.3 The authorization is granted to operate a facility for collection, storage, transportation and ultimate disposal of Hazardous wastes as above

5.4 The authorization shall be in force for a period up to **11/02/2023**

5.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

6. TERMS AND CONDITIONS OF AUTHORISATION

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) An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).

e) 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.

f) Industry shall submit annual report within 15 days and sub squinty 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 hazards material shall be treated as per guideline published for "Management & Handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.

7.6 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

7.7 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Courts Order in W.P. No 657 of 1995-dated 14th October-2003

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

25/3/18
(Y. A. Tai)
SENIOR ENVIRONMENTAL ENGINEER

Outward No: 448937, 26/03/2018

NO: GPCB/ ID-37[illegible]/CCA/ABD-GEN- 807(2)/

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

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

Annexu Re-7

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

Report No. : AC/AIR/21-22/697 Date : 14-02-2022

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 08-02-2022
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 30 AM
SAMPLING LOCATION	: In open space near gate no. 3.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	10 : 30 AM to 10 : 30 AM (08-02-'22) (09-02-'22)
2. Weight of $PM_{2.5}$ collected	1. 145 mg.
3. Volume of Air sampled	23. 550 Cubic meter
4. **$PM_{2.5}$ concentration**	**GPCB Limit** **48. 62 µg / m^3** **60 µg/m^3**

(B) 24 hourly observation :

Time : 10 : 30 AM to 10 : 30 AM (08-02-'22) (09-02-'22)

Volume of Air Sampled (cu. mt.)	0.24	**GPCB Limit µg/m^3**
Sulphur Di-oxide (SO_2) (ug/m^3)	**7. 22**	**80. 00**
Nitrogen Di-oxide (NO_2) (ug/m^3)	**10. 80**	**80. 00**

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. T. Parekh

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/698 Date : 14-02-2022

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 08-02-2022
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 30 AM
SAMPLING LOCATION	: In open space near gate no. 3.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	10 : 30 AM to 10 : 30 AM (08-02-'22) (09-02-'22)
2. Weight of PM_{10} collected	2. 074 mg.
3. Volume of Air sampled	22. 985 Cubic meter
4. **PM_{10} concentration**	**GPCB Limit** **90. 23 µg / m3** **100 µg/m3**

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/466 Date : 19-11-2021

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 15-11-2021
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 15 AM
SAMPLING LOCATION	: In open space opposite manufacturing block - B.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	10 : 15 AM to 10 : 15 AM (15-11-'21) (16-11-'21)
2. Weight of $PM_{2.5}$ collected	1. 094 mg.
3. Volume of Air sampled	23. 115 Cubic meter
4. **$PM_{2.5}$ concentration**	**GPCB Limit** **47. 33 µg / m³** **60 µg/m³**

(B) 24 hourly observation :

Time : 10 : 15 AM to 10 : 15 AM (15-11-'21) (16-11-'21)

Volume of Air Sampled (cu. mt.)	0.24	**GPCB Limit µg/m³**
Sulphur Di-oxide (SO_2) (ug/m³)	**7. 80**	**80. 00**
Nitrogen Di-oxide (NO_2) (ug/m³)	**10. 24**	**80. 00**

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/467 Date : 19-11-2021

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 15-11-2021
SITE	: Plot No. 191, Vil. : Chacharwadi-Vasna Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 15 AM
SAMPLING LOCATION	: In open space opposite manufacturing block - B.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	10 : 15 AM to 10 : 15 AM (15-11-'21) (16-11-'21)
2. Weight of PM_{10} collected	2. 039 mg.
3. Volume of Air sampled	23. 065 Cubic meter
4. **PM_{10} concentration**	**GPCB Limit** **88. 40 µg / m3** **100 µg/m3**

ANALYSED BY,

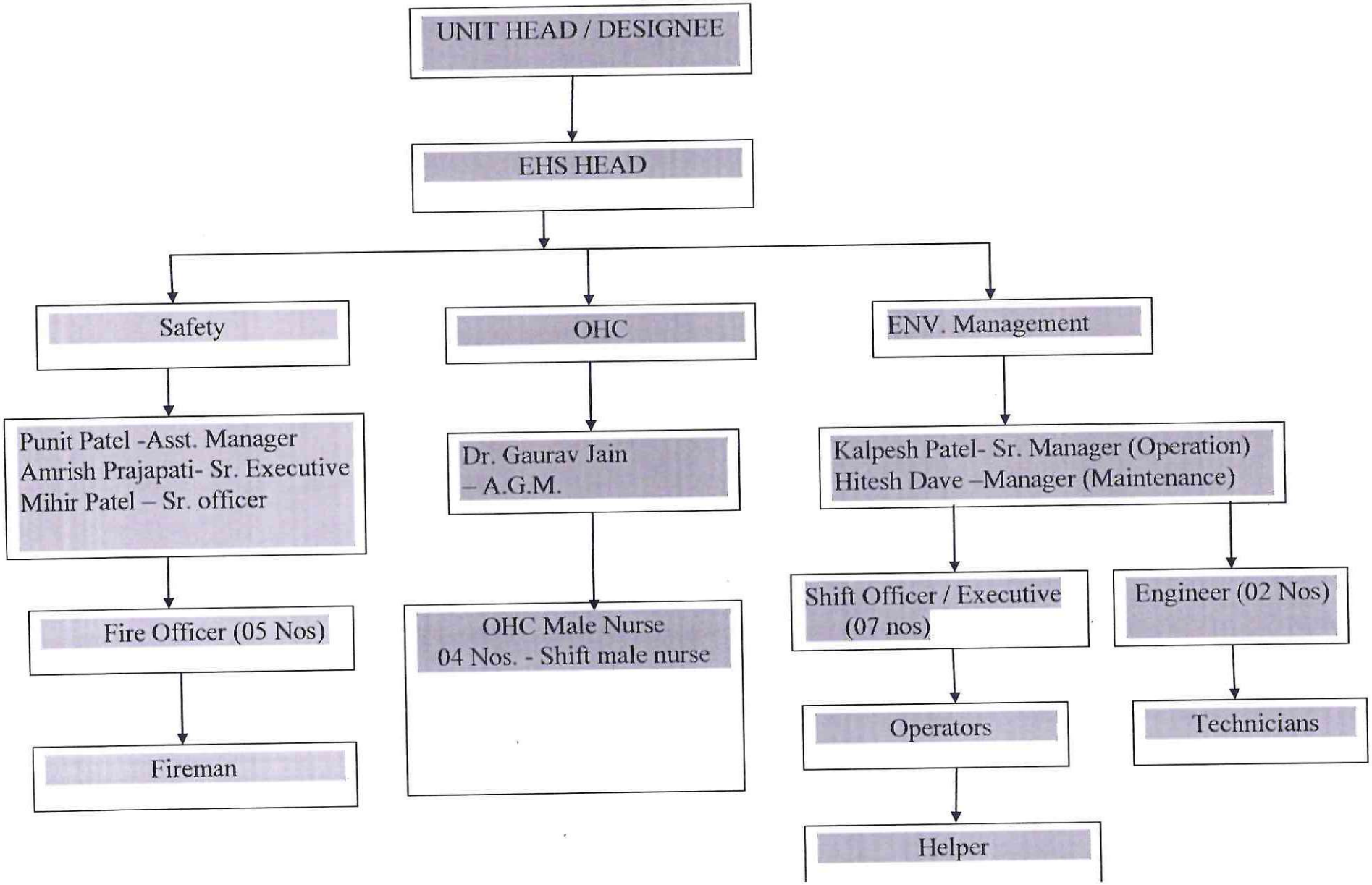
(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

EHS Management Staff Organogram (Formulation & API)



Annexure 8

Annexure-9

FORM – V
(See Rule 14)

From:
Intas Pharmaceuticals Limited
Plot No. 191, Vill.: Chacharwadi. Taluka: Sanand.
District: Ahmedabad
To,
Gujarat Pollution Control Board
Sector 10-A,
GANDHINAGAR 382 010

ENVIRONMENTAL STATEMENT for the financial year ending the 31st March 2021.

PART – A

(i) Name and address of the owner/occupier of the industry operation or process : Mr. Kirti Maheshwari (Chief Technical Officer.)
Plot No. 191, Vill.: Chacharwadi. Taluka: Sanand.
District: Ahmedabad

(ii) Industry Category – : Red / Large
Primary -- (STC Code) : Not Available
Secondary – (STC Code)

(iii) Production capacity Units :

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

Year of Establishment : 2012

(v) Date of the last Environmental Statement submitted : May - 2020

* 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 summit 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 : 13.2 m3/day

Domestic : 4.1 m3/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 01 Pregabaline 02 Paclitaxel 03 Festoterodine Fumarate 04 Trazadone Hydrochloride 05 Lacosamide 06 Dabigatram 07 Linezoid 08 Etoricoxib 09 Rivaroxaban 10 Eletriptan Hydrobromide 11 Dronaderon 12 Chloline Fenofibrate 13 Prasugrel Hydrochloride	11.5 M3/Day	13.2 M3/Day

(2) Raw Material Consumption

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

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

PART C

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

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water			
pH	7.63	6.5 -9.0	No Deviation
BOD	1.13 kg/Day	10 mg/l	No Deviation
COD	5.90 kg/Day	50 mg/l	No Deviation
TSS	2.16 kg/Day	20 mg/l	No Deviation
(b) Air (Ambient)			
PM 2.5	48.64	60 mg/NM3	No Deviation
PM 10	88.06	100 mg/NM3	No Deviation
SO2	6	80 mg/NM3	No Deviation
NOx	12.2	80 mg/NM3	No Deviation
(C) Process Stack			
HCL	9.89	20 mg/NM3	No Deviation
Hydro Carbon	5.28	45 mg/NM3	No Deviation

PART – D
HAZARDOUS WASTES

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

Hazardous Wastes	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial Year
(a) From Process :		
(1) Process residue	8.382 MT	6.921 MT
(2) Used oil	Nil	Nil
(3) Discarded container	Nil	Nil
(4) Off specification drugs	Nil	Nil
(b) From Pollution Control Facilities		
ETP Sludge (Wet Basis)	Approx. 10 MT	Approx. 8 MT

PART – E

Solid wastes

	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial Year
(a) From Process	Not Applicable	
(b) From Pollution Control Facilities	Approx. 10 MT	Approx. 8 MT
(C).1. Quantity recycled or Re-utilized within the unit 2. Sold 3. Disposed / sold	Not Applicable	

PART – F

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

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

PART – G

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

Cost of production increases due to pollution control measures.

PART – H

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

We have Installed Membrane type air diffuser in Aeration Tank for betterment

PART – I

Any other particulars for improving the quality of the environment.

Forest area development work continue in site

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

Name : Sandeep Shah

Designation : Sr. V.P. – Mfg.

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

Date : 10/05/21
Place : Chacharwadi

Annexure- 10

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

Report No. AC/EFF/21-22/198

Date : 15-02-2022

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

Sub. : ANALYSIS REPORT OF YOUR TREATED EFFLUENT SAMPLE.

Sample drawn by : AKSHAR CONSULTANTS.
Sample drawn date : 08-02-2022.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.38	6.5 to 8.5
2	Temperature	27.00	40 Deg. C
3	Colour (Pt-Co Unit)	10.00	100 units
4	Suspended Solids	Nil	100
5	Oil & Grease	Nil	10
6	Phenolic Compounds	Nil	1
7	Cyanides	N. D.*	0.2
8	Fluorides	Nil	1.5
9	Sulphides	N. D.*	0.5
10	Ammonical Nitrogen	1.00	50
11	Arsenic	N. D.*	0.2
12	Total Chromium	N. D.*	2.0
13	Hexavalent Chromium	N. D.*	0.1
14	Copper	N. D.*	2
15	Lead	N. D.*	0.1
16	Mercury	N. D.*	0.01
17	Nickel	N. D.*	3
18	Zink	N. D.*	5
19	Cadmium	N. D.*	2
20	BOD	7.00	30
21	COD	16.00	100
22	Chlorides	21.00	600
23	Sulphate	14.00	1000
24	Total Dissolved Solids	59.00	2100
25	Insecticides / Pesticides	Absent	Absent
26	Sodium absorption ratio (SAR)	5.30	26
27	Selenium	N. D.*	0.05
28	Boron	N. D.*	2
29	Total residual Chlorine	0.30	1
30	Percent Sodium	14.80	60
31	Bio – assay Test	90 % survival of fish after 96 hrs. in 100 % effluent	90 % survival of fish after 96 hrs. in 100 % effluent

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

Analysed By,

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(AUTHORISED SIGNATORY)

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

Report No. AC/EFF/21-22/125

Date : 22-11-2021

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

Sub. : ANALYSIS REPORT OF YOUR TREATED EFFLUENT SAMPLE.

Sample drawn by : AKSHAR CONSULTANTS.
Sample drawn date : 15-11-2021.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	6.88	6.5 to 8.5
2	Temperature	28.00	40 Deg. C
3	Colour (Pt-Co Unit)	10.00	100 units
4	Suspended Solids	Nil	100
5	Oil & Grease	Nil	10
6	Phenolic Compounds	Nil	1
7	Cyanides	N. D.*	0.2
8	Fluorides	Nil	1.5
9	Sulphides	N. D.*	0.5
10	Ammonical Nitrogen	1.25	50
11	Arsenic	N. D.*	0.2
12	Total Chromium	N. D.*	2.0
13	Hexavalent Chromium	N. D.*	0.1
14	Copper	N. D.*	2
15	Lead	N. D.*	0.1
16	Mercury	N. D.*	0.01
17	Nickel	N. D.*	3
18	Zink	N. D.*	5
19	Cadmium	N. D.*	2
20	BOD	7.00	30
21	COD	17.00	100
22	Chlorides	21.00	600
23	Sulphate	18.00	1000
24	Total Dissolved Solids	80.00	2100
25	Insecticides / Pesticides	Absent	Absent
26	Sodium absorption ratio (SAR)	5.60	26
27	Selenium	N. D.*	0.05
28	Boron	N. D.*	2
29	Total residual Chlorine	0.33	1
30	Percent Sodium	15.70	60
31	Bio – assay Test	90 % survival of fish after 96 hrs. in 100 % effluent	90 % survival of fish after 96 hrs. in 100 % effluent

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

Analysed By,

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(AUTHORISED SIGNATORY)

Annexure-II

AKSHAR
CONSULTANTS
THE ENVIRONMENT MANAGEMENT PEOPLE

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

Ref. No. AC/SOLID/21-22/033

Date : 15-02-2022

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

Sub. : Analysis report of your ETP sludge sample.

Source	:	Effluent Treatment Plant.
Date of Receipt	:	08-02-2022
Sample drawn by	:	**Akshar Consultants.**
Physical state	:	Dry sludge.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	7.53
02	Chemical Oxygen Demand (COD)	gms/kg	13.21
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	4.76
04	Chlorides	gms/kg	29.20
05	Sulphate	gms/kg	33.45
06	Total Inorganic Solids at 550 Deg. C	gms/kg	761.66
07	Total Dissolved Solids	gms/kg	103.80
08	Total Hardness (as $CaCO_3$)	gms/kg	12.00
09	Calcium Hardness (as $CaCO_3$)	gms/kg	10.50
10	Magnesium Hardness (as $CaCO_3$)	gms/kg	1.50
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as $CaCO_3$)	gms/kg	2.82

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

Analysed By,

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(AUTHORISED SIGNATORY)

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

Ref. No. AC/SOLID/21-22/022 Date : 22-11-2021

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

Sub. : Analysis report of your ETP sludge sample.

Source : Effluent Treatment Plant.
Date of Receipt : 15-11-2021
Sample drawn by : Akshar Consultants.
Physical state : Dry sludge.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	7.42
02	Chemical Oxygen Demand (COD)	gms/kg	12.80
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	4.62
04	Chlorides	gms/kg	27.15
05	Sulphate	gms/kg	31.30
06	Total Inorganic Solids at 550 Deg. C	gms/kg	783.44
07	Total Dissolved Solids	gms/kg	101.22
08	Total Hardness (as $CaCO_3$)	gms/kg	13.00
09	Calcium Hardness (as $CaCO_3$)	gms/kg	10.00
10	Magnesium Hardness (as $CaCO_3$)	gms/kg	3.00
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as $CaCO_3$)	gms/kg	2.73

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

Analysed By,

(Analyst)

For AKSHAR CONSULTANTS,

D. J. Parekh

(AUTHORISED SIGNATORY)

Annexure-12

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

Report No. : AC/AIR/21-22/461 Date : 19-11-2021

WORK AREA AIR SAMPLING ANALYSIS REPORT

UNIT	: INTAS PHARMACEUTICALS LTD.
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.

Sr. No.	Sampling location	Date of Sampling	Weight of $PM_{2.5}$ collected (in ug)	Volume of Air sampled (in m^3)	Dust concentration – $PM_{2.5}$ (in ug/m^3)	GPCB Limit (in ug/m^3)
1	Ware House Dispensing Area	15/11/2021	67.47	7.80	**8.65**	**60.00**
2	First floor of Manufacturing plant	15/11/2021	62.77	7.75	**8.10**	**60.00**
3	Second floor of Manufacturing plant	15/11/2021	63.96	7.66	**8.35**	**60.00**

Sr. No.	Sampling location	Date of Sampling	Methylene Di-chloride (MDC) concentration (VOC) (in ug/m^3)	Toluene concentration (VOC) (in ug/m^3)
1	Ware House Dispensing Area	15/11/2021	**BDL**	---
2	First floor of Manufacturing plant	15/11/2021	**BDL**	**BDL**
3	Second floor of Manufacturing plant	15/11/2021	**BDL**	---

BDL : Below Detectable Limit.

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/699

Date : 14-02-2022

WORK AREA AIR SAMPLING ANALYSIS REPORT

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

Sr. No.	Sampling location	Date of Sampling	Weight of $PM_{2.5}$ collected (in ug)	Volume of Air sampled (in m^3)	Dust concentration – $PM_{2.5}$ (in ug/m^3)	GPCB Limit (in ug/m^3)
1	Ware House Dispensing Area	08/02/'22	61.97	7.44	**8.33**	**60.00**
2	Ground floor of Manufacturing plant	08/02/'22	66.50	7.60	**8.75**	**60.00**
3	First floor of Manufacturing plant	08/02/'22	67.51	7.85	**8.60**	**60.00**

Sr. No.	Sampling location	Date of Sampling	Ethyl Acetate concentration (VOC) (in ug/m^3)
1	Ware House Dispensing Area	08/02/'22	**BDL**
2	Ground floor of Manufacturing plant	08/02/'22	**BDL**
3	First floor of Manufacturing plant	08/02/'22	**BDL**

BDL : Below Detectable Limit.

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

S. J. PANDIT, IFS (Retd.)
MEMBER SECRETARY
SEIAA (GUJARAT)

Government of Gujarat

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY GUJARAT

No. SEIAA/GUJ/EC/5(f)/ 1263 /2021 Date: 2 JUL 2021 By R P A D
Time Limit

Sub: Environment Clearance to M/s. Intas Pharmaceuticals Ltd for setting up expansion of manufacturing plant of 'Synthetic Organic Chemicals' [API & its Intermediates] at Plot No. 191, Chacharwadi, Vasana, Ta- Sanand , Dist - Ahmedabad. In Category 5(f) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/IND2//2020.

Dear Sir,

This has reference to your application along with Form-1 dated //2020 submitted to SEIAA, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance to **M/s. Intas Pharmaceuticals Ltd for setting up expansion of manufacturing plant of 'Synthetic Organic Chemicals' [API & its Intermediates] at Plot No. 191, Chacharwadi, Vasana, Ta- Sanand , Dist - Ahmedabad.** It is an existing unit for manufacturing following products, which falls in the category - 5(f) of the schedule of the EIA Notification-2006:

Sr. No.	Name of the Products	API OR Inter-mediate	CAS No.	Quantity kg/Month			End-use of the products *
				Existing	Proposed	Total	
1.	Pregabalin	API	148553-50-8	150.00	850.00	1,000.00	Used in medication of pain
2.	Paclitaxel	API	33069-62-4	2.50	27 50	30.00	Used for cancer treatment
3.	FesoterodineFumarate	API	286930-03-8	50.00	-30.00	20.00	Used as Anti-muscarinic
4.	Trazodone Hydrochloride	API	25332-39-2	233.34	-208.34	25.00	Used as Anti-depressant
5.	Lacosamide	API	175481-36-4	58.34	-33.34	25.00	Used as Antiepileptic
6.	Dabigatran	API	211915-06-9	83.34	-58.34	25.00	Used to treat and prevent blood clots and to prevent stroke in people with atrial fibrillation
7.	Linezolid	API	165800-03-3	83.34	-58.34	25.00	Used for to treat infections, including pneumonia, and infections of the skin. It works by stopping the growth of bacteria.
8.	Etoricoxib	API	202409-33-4	83.34	-58.34	25.00	Used as anti-inflammatory
9.	Rivaroxaban	API	366789-02-8	16.67	98.33	115.00	Used as Anti-coagulant
10.	EletriptanHydrobromide	API	177834-92-3	16.67	-11.67	5.00	Used as Anti-migraine
11.	Dronedarone	API	141626-36-0	166.67	-141.67	25.00	Used as Anti-arrhythmics
12.	Choline fenofibrate	API	856676-23-8	83.34	-58.34	25.00	Used as anti-hyperlipidemic
13.	Prasugrel Hydrochloride	API	389574-19-0	8.34	41.66	50.00	It is platelet inhibitor indicated for the reduction of thrombotic

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							cardiovascular events.
14.	N-(2-Hydroxyethyl) Succinimide	Intermediate	18190-44-8	0.00	150.00	150.00	Used in manufacturing of API - Diroximelfumarate
15.	Maleic acid	Intermediate	110-16-7	0.00	550.00	550.00	Used in manufacturing of API – Dimethyl fumarate
16.	Lurasidonehydrochloride	API	367514-88-3	0.00	100.00	100.00	Used as Antipsychotic
17.	Vilazodone hydrochloride (Amorphous)	API	163521-08-2	0.00	100.00	100.00	Used for depressive disorder
18.	Perampanel	API	380917-97-5	0.00	50.00	50.00	Used as anti-epileptic
19.	Dimethyl fumarate	API	624-49-7	0.00	300.00	300.00	Used to treat multiple sclerosis
20.	Apremilast (Amorphous)	API	608141-41-9	0.00	50.00	50.00	It is phosphodiesterase inhibitors
21.	Dofetilide	API	115256-11-6	0.00	5.00	5.00	Used as anti-arrhythmics
22.	Dalfampridine / Fampridine	API	504-24-5	0.00	50.00	50.00	It is used to improve walking in people who have multiple sclerosis
23.	Ivabradine Hydrochloride	API	148849-67-6	0.00	80.00	80.00	Used as Antianginal
24.	Diroximelfumarate	API	1577222-14-0	0.00	100.00	100.00	Used to treat relapsing forms of multiple sclerosis in adults
25.	Ticagrelor	API	274693-27-5	0.00	400.00	400.00	Used as Anti-platelet
26.	TeneligliptinHydrobromide Hydrate	API	1572583-29-9	0.00	100.00	100.00	Used as Anti-diabetic
27.	Fingolimod Hydrochloride	API	162359-56-0	0.00	10.00	10.00	Used to treat multiple sclerosis. It is preventing immune system cells from attacking the nerves in brain and spinal cord. It helps decrease the number of episodes of worsening and may prevent or delay disability.
28.	Blonanserin	API	132810-10-7	0.00	10.00	10.00	Used as Antipsychotic
29.	Teriflunomide	API	108605-62-5	0.00	50.00	50.00	Anti-multiple sclerosis agent
30.	Tipiracil Hydrochloride	API	183204-72-0	0.00	50.00	50.00	Used in treatment of cancer therapy
31.	Endoxifen citrate	API	1372937-28-4	0.00	50.00	50.00	Used as neuropsychiatry
32.	Sodium Thiosulphate	API	7772-98-7	0.00	200.00	200.00	Used in cyanide poisoning & end stage kidney diseases
33.	Glycerol phenyl butyrate	API	611168-24-2	0.00	200.00	200.00	Used in treatment of Urea cycle disorder
34.	Pilot Trial & Scale up of Product	--	--	0.00	250.00	250.00	--
Total				**1,035.89**	**3,214.11**	**4,250.00**	

Note: We requested State Level Environmental Impact Assessment Authority & committee, Gujarat to issue us permission to

manufacture product u/head of API & Intermediates as per O. M. vide file no. 22-33/2019-IA.III dated 28th January 2021 and for that we are submitting undertaking as Appendix – 2 with this EDS reply

Brief Note of Product Profile:

1. **No of Manufacturing Plants: 1 no.**
2. **Brief Note regarding number of Products to be manufactured considering plant capacity: Products will be manufactured as per market demand & on campaign basis. But overall production quantity will not exceed from individual product as well as overall permitted quantity.**

The project activity is covered in 5(f) and is of 'B' Category. Since, the proposed project is categorized as B2 category project by SEAC and as per the MoEF&CC's amended EIA Notification vide S.O. 1223(E) dated 27.03.2020, public consultation is not required as per paragraph 7(i) (III) (i) (b)&(e) of the Environment Impact Assessment Notification-2006.

The SEAC, Gujarat vide their letter dated **24/06/2021** had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on **01/06/2021**. The proposal was considered by SEIAA, Gujarat in its meeting held on **24/06/2021** at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.

A.CONDITIONS :

A.1SPECIFIC CONDITION :

1. Project Proponent (PP) shall comply conditions of any subsequent amendment or expansion or change in product mix, after the 30th September 2020, considered as per the provisions in force at that time as mentioned in the Notification vide S.O. 1223 (E) dated 27/03/2020 and its subsequent amendment
2. PP shall carry out proposed project/activities in respect of Active Pharmaceutical Ingredients (API) as per the amended EIA Notification vide S.O. 1223 (E) dated 27/03/2020 and any subsequent amendments.
3. PP shall submit six monthly compliance report of Environmental Clearance without fail and the same shall be critically assessed by the regulatory authority.
4. Total number of products manufacturing shall not exceeding three or four products at a given point of time as per the plant capacity shown in plant layout.
5. PP shall obtain CGWA permission for bore well within premises for expansion project before start expansion production activity.
6. Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapours in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises.
7. Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained.
8. All measures shall be taken to prevent soil and ground water contamination.
9. Unit shall install CEMS **[Continuous Emission Monitoring System]** in line to CPCB directions to all SPCB vide letter no. B-29016/04/06PCI-1/5401 dated 05/02/2014 for effluent discharge and air emission as per pollutants discharge/emission from respective project and an arrangement shall also be done for reflecting the online monitoring results on the company's server, which can be assessable by the GPCB/CPCB on real time basis. **[For Small/Large/Medium (Red Category) & Whichever (Air emission & Effluent discharge) is applicable].**
10. The PP shall develop green belt within premises (16500Sq m i.e. 33 % of the total plot area) as per the undertaking submitted before SEAC. Green belt shall be developed with native plant species that are significant and used for the pollution abatement as per the CPCB guidelines. It shall be implemented within 3 years of operation phase in consultation with GPCB.
11. <u>Safety & Health:</u>
    a) PP shall obtain PESO permission for the storage and handling of hazardous chemicals.
    b) PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U and shall appoint fulltime medical officer within OHC area.
    c) PP shall obtain fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.
    d) Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.
    e) PP shall carry out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.
    f) PP shall install adequate fire hydrant system with foam trolley attachment within premises and separate storage of water for the same shall be ensured by PP.
    g) PP shall take all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned

authority.

h) PP shall take all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or labour within premises.

i) Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.

j) Unit shall never store drum/barrels/carboys of incompatible material/chemical together.

k) Unit shall provide effective Isolation for Process area and storage of hazardous chemicals.

l) Unit shall provide effective fire hydrants, water monitors & foam application system at solvent storage tank farm area. Unit shall provide adequate safety system such as water sprinklers, water curtains, foam pouring system etc. to restrict cascade fire emergency in solvent tank farm.

m) Unit shall provide water sprinkler and bund/ dyke wall to ammonia storage tank.

n) Unit shall provide safety valve & rupture disc to the Hydrogenation vessel.

o) Unit shall provide safety valve and rapture disc, as well as auto dump or auto quench/, suppress system for exothermic reaction vessel safety.

A. 2 WATER :

12. Total water requirement for the project shall not exceed 165 KLD. Unit shall reuse 51 KLD of treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 114 KLD and it shall be met through bore well supply only. Prior permission from concerned authority shall be obtained for withdrawal of water.
13. The industrial effluent generation from the project shall not exceed 49 KLD after expansion.
14. The entire industrial effluent shall be segregated and treated as mentioned below:
    a) 17 KLD, industrial effluent from process and scrubber section shall be treated in ETP-1 and solvent stripper and then treated effluent shall be evaporated in in-house MEE-1. 13.50 KLD,MEE condensate shall be further treated in ETP-2 along with low COD stream.
    b) 32 KLD effluent from washing and utility shall be treated in ETP-2 and RO plant. 11.01 KLD, RO reject shall be evaporated in in-house MEE-2 and 42 KLD, RO permeate shall be reused back in process. Also 9 KLD, MEE condensate shall be reused back in process within premises.
15. PP shall maintain Complete Zero Liquid Discharge [ZLD] status all the time and there shall be no drainage connection from the premises and no wastewater discharge outside premises by any means.
16. Unit shall feed wastewater to in-house MEE only after ensuring content of effluent for COD/VOC so as not to get air borne during evaporation in order to achieve no adverse impacts on Environment and Human Health.
17. Domestic wastewater generation shall not exceed 7 KL/day for proposed project and it shall be treated in ETP. It shall not be disposed off through soak pit/ septic tank.
18. Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during any shut down of in-house MEE.
19. The unit shall provide metering facility at the inlet and outlet of ETP, Stripper, MEE& RO and maintain records for the same.
20. Proper logbooks of ETP, Stripper, MEE & RO; reuse/ recycle of treated/ untreated effluent; chemical consumption in effluent treatment, quantity & quality of treated effluent; power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.

A.3 AIR:

21. Unit shall not exceed fuel consumption for D G Sets as mentioned below:

Sr. no.	Source of emission With Capacity	Stack Details (meter)	Type of Fuel	Quantity of Fuel MT/Day	Type of emissions i.e., Air Pollutants	Air Pollution Control Measures (APCM)
Existing						
1.	DG Set - 1050 kVA	12	HSD	1 KL/Month	PM, SO2, NOx	Adequate stack height is provided.
Proposed Additional						
1.	DG Set - 1050 kVA	12	HSD	1 KL/Month	PM, SO2, NOx	Adequate stack height is provided.

22. Unit shall provide adequate APCM with flue gas generation sources as mentioned above.
23. Unit shall provide adequate APCM with process gas generation sources as mentioned below:

Sr. No.	Specific Source of emission (Name of the Product & Process)	Type of emission	Stack/Vent Height (meter)	Air Pollution Control Measures (APCM)
As per Existing CC&A				
1.	HCl Scrubber (No. 1 & 2)	HCl	H: 15 m D: 0.3	Packed column scrubber consisting of venturi followed by alkali scrubber
2.	Solvent Vapour Scrubber (No. 1 & 2)	SO_2 NO_x	H: 15 m D: 0,3	Packed column scrubber consisting of venturi followed by alkali scrubber

Proposed additional after Expansion Project				
1.	Lurasidone Hydrochloride &Pilot trial & Scale-up product	NH3	H: 15 m D: 0.3	Two stage scrubbers (Acidic caustic)

24. The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety& Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.
    - Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.
    - Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.
    - A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.
25. Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.
26. For control of fugitive emission, VOCs, following steps shall be followed :
    a. Closed handling and charging system shall be provided for chemicals.
    b. Reflux condenser shall be provided over Reactors / Vessels.
    c. Pumps shall be provided with mechanical seals toprevent leakages.
    d. Air borne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosures.
27. Solvent management shall be carried out as follows:
    - ✓ Measures shall be taken to reduce the process vapors emissions as far as possible. Use of toxic solvents shall be minimum. All venting equipment shall have vapour recovery system
    - ✓ Reactor shall be connected to adequate chilling system to condensate solvent vapors and reduce solvent losses.
    - ✓ Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
    - ✓ The condensers shall be provided with sufficient HTA and residence time so as to achieve maximum solvent recovery.
    - ✓ Solvents shall be stored in a separate space specified with all safety measures.
    - ✓ Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
    - ✓ Solvent storage and handling area shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
28. Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx, HCl, NH3 and VOCs shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.

A.4 SOLID / HAZARDOUS WASTE:

29. All the hazardous/ solid waste management shall be taken care as mentioned below:

Sr. No.	Type/ Name of Hazardous waste	Specific Source of generation (Name of the Activity, Product etc.)	Cat. and Sch. as per HW Rules.	Quantity (T/Annum)			Management of HW
				Existing	Proposed	Total	
1.	ETP Sludge	From ETP	35.3 (I)	2.40	19.60	22.00	Collections, Storage, Transportation and disposal at TSDF.
2.	MEE Salt	From MEE	37.3 (I)	--	398.00	398.00	Collections, Storage, Transportation and disposal at TSDF.
3.	Used Oil	Utility	5.1 (I)	3	7.00	10.00	Collections, Storage, Transportation and disposal to registered recycler
4.	Discarded Containers	Material Storage	33.1 (I)	6 (600 Nos.)	19 (1900 Nos.)	25 (2500 Nos.)	Collections, Storage, decontamination and sale to authorized decontamination facility

5.	Solvent Residue	Solvent Stripper	28.1 (I)	30	335.00	365.00	Collections, Storage, Transportation and Incineration at own Incinerator/ CHWIF.
6.	Spent / Mix Solvent	Process	28.6 (I)	--	4265.00	4265.00	Sale to GPCB authorized end-users having valid CC&A & permission u/Rule 9 OR reused in process after recovery
7.	Spent Carbon/ Hyflow/ Sodium Sulphate etc. from Process	Process	28.3	15.50	103.50	115.00	Collections, Storage, Transportation and Incineration at own Incinerator/ CHWIF or Disposal by co-processing at Cement Manufacturers
8.	Off Specification Drugs	Process	28.4 (I)	0.50	1.00	1.50	Collections, Storage, Transportation and Incineration at CHWIF
9.	Raney Nickel	Process	28.2	--	4.00	4.00	Used Ni catalyst will be sold to authorized recycler/ repressors
10.	10% Palladium Carbon	Process	28.2	--	280.00	280.00	Used Palladium catalyst will be sent back to party for reactivation
11.	Bleed Liquor	Process	B-15	--	1825.00	1825.00	Treatment within industrial unit.

30. Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.
31. Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of Incinerable & land fillable wastes before sending to CHWIF & TSDF sites respectively.
32. The unit shall submit the list of authorized end users of hazardous wastes along with MoU signed with them at least two months in advance prior to the commencement of production. In the absence of potential buyers of these items, the unit shall restrict the production of the respective items.

A. 5 OTHER:

33. The project proponent shall allocate the separate fund of Rs. 7.25 lakhs as committed before SEAC. The entire activities proposed under CER shall be part of the Environment Management Plan (EMP) as per the MoEF&CC's OM no. F. No. 22-65/2017-IA.III dated 30.09.2020. This shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half-yearly compliance report and to the District Collector. The monitoring report shall be posted on the website of the project proponent.
34. All the environmental protection measures and safeguards proposed in the Form-1 & PFR submitted by the project proponent and commitments made in their application shall be strictly adhered to in letter and spirit.

B.GENERAL CONDITIONS:

B.1 CONSTRUCTION PHASE:

35. Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.
36. Project proponent shall ensure that surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.
37. All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.
38. First Aid Box shall be made readily available in adequate quantity at all the times.
39. The project proponent shall strictly comply with the Building and other Construction Workers' (Regulation of Employment & Conditions of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.
40. Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.

41. Use of Diesel Generator (DG) sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.
42. Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.
43. All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.
44. Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighbouring communities.
45. Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete [RMC] and lead free paints in the project.
46. Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act, 1986 and its subsequent amendments from time to time.
47. "Wind – breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided. Individual building within the project site shall also be provided with barricades.
48. "No uncovered vehicles carrying construction material and waste shall be permitted."
49. "No loose soil or sand or construction & demolition waste or any other construction material that cause dust shall be left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured "
50. Roads leading to or at construction site must be paved and blacktopped (i.e. – metallic roads).
51. No excavation of soil shall be carried out without adequate dust mitigation measures in place.
52. Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.
53. Grinding and cutting of building materials in open area shall be prohibited.
54. Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
55. Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (If applicable).

B.2 OPERATION PHASE:

B.2.1 WATER:

56. The water meter shall be installed and records of daily and monthly water consumption shall be maintained.
57. All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.

B.2.2 AIR:

58. In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.
59. Acoustic enclosure shall be provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.
60. Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.
61. Flue gas emission & Process gas emission (If any) shall conform to the standards prescribed by the GPCB/CPCB/MoEF&CC. At no time, emission level should go beyond the stipulated standards.
62. All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.

B.2.3 HAZARDOUS/SOLID WASTE:

63. The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / treatment / storage / disposal of hazardous wastes.
64. Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
65. The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)
66. Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.
67. The design of the Trucks/tankers shall be such that there is no spillage during transportation
68. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.
69. Management of fly ash (If any) shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.

B.2.4 SAFETY:

70. The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules

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71. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.
72. Main entry and exit shall be separate and clearly marked in the facility.
73. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.
74. Storage of flammable chemicals shall be sufficiently away from the production area.
75. Sufficient number of fire extinguishers shall be provided near the plant and storage area.
76. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
77. All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.
78. The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.
79. Only flame proof electrical fittings shall be provided in the plant premises.
80. Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.
81. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.
82. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
83. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.
84. Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.
85. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
86. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
87. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.
88. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.
89. The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.
90. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.

B.2.5 NOISE:

91. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.

B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:

92. The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.
93. The company shall undertake various waste minimization measures such as :
    a. Metering and control of quantities of active ingredients to minimize waste.
    b. Reuse of by-products from the process as raw materials or as raw materials substitutes.
    c. Use of automated and close filling to minimize spillages.
    d. Use of close feed system into batch reactors.
    e. Venting equipment through vapour recovery system.
    f. Use of high pressure hoses for cleaning to reduce wastewater generation.
    g. Recycling of washes to subsequent batches.
    h. Recycling of steam condensate.
    i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation.
    j. Regular preventive maintenance for avoiding leakage, spillage etc.

B.2.7 GREEN BELT AND OTHER PLANTATION:

94. The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the

GPCB.

95. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.

B.3 OTHER CONDITION:

96. Unit shall comply all the applicable standard conditions prescribed in Office Memorandum (OM) published by MoEF&CC vide no. F. No. 22-34/2018-IA.III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX).
97. The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, the Construction and Demolition Waste Management Rules, 2016 and the Plastics Waste Management Rules, 2016 shall be followed.
98. Rain water harvesting (Off-site) shall be undertaken to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter. (Applicable for units consuming ground water ≥ 50 KLD in line with the prevailing guidelines of SPCB).
99. The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.
100. Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.
101. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.
102. All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.
103. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.
104. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
105. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.
106. During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.
107. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
108. Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.
109. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
110. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act,1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
111. The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.
112. The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.
113. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
114. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
115. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
116. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
117. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
118. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.

119. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.
120. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
121. This environmental clearance is valid for seven years from the date of issue.
122. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
123. Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.

With regards,
Yours sincerely,

(S. J. PANDIT)
Member Secretary

Issued to:
Intas Pharmaceuticals Ltd
Plot No. 191,
Chacharwadi- Vasana,
Ta- Sanand ,
Dist - Ahmedabad

S. J. PANDIT, IFS (Retd.)
MEMBER SECRETARY
SEIAA (GUJARAT)

Government of Gujarat

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY GUJARAT

No. SEIAA/GUJ/EC/5(f)/ 438 /2022 Date: 17 FEB 2022

R.P.A.D.

Time Limit

Sub: Corrigendum in Environment Clearance granted to M/s. Intas Pharmaceuticals Ltd. for setting up manufacturing plant of 'Synthetic Organic Chemicals' [API & its Intermediates] at Plot No. 191, Chacharwadi Vasna, Sanand, Ahmedabad, vide letter no. SEIAA/GUJ/EC/5(f)/1263/2021 dated 02/07/2021.

Ref:

1. Environment Clearance vide letter No: SEIAA/GUJ/EC/5(f)/1263/2021 dated 02/07/2021.
2. Your online application vide no. SIA/GJ/IND2/222058/2021 dated 07/10/2021.

In continuation to the Environment Clearance accorded by the SEIAA vide order no. SEIAA/GUJ /EC / 5(f)/ 1263/2021 dated 02/07/2021, we have received your online application vide no. SIA/GJ/IND2/222058/2021 dated 07/10/2021 seeking corrigendum in condition No. 14, additional condition in A3 and specific condition and additional table above product table.

And whereas SEIAA has granted Environment Clearance vide office order letter no. **SEIAA/GUJ/EC/5(f)/1263/2021 dated 02/07/2021** under the provisions of the EIA Notification, 2006.

And whereas project proponent has applied for corrigendum in the Environment Clearance. The project was scheduled for hearing in this SEAC meeting held on 22/10/2021.

The SEAC, Gujarat had recommended the project vide their letter dated 01/01/2022 to grant corrigendum in Environment Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on 22/10/2021. The proposal was considered by SEIAA, Gujarat in its meeting held on 20/01/2022 at Gandhinagar. After careful consideration, Environment Clearance order dated 02/07/2021 is hereby corrigendum as under.

Condition No. 14, additional condition in A3 and specific condition and additional table above product table shall now be read as under:

Condition No. 14

Industrial effluent segregation details in **A.2 WATER**, Condition No. 14 (a) & 14 (b) **shall be read as**

14-(a) 12 KLD, industrial effluent from process shall be sent to solvent stripper. 1KLD stripper distillate shall be sent for co-processing. The remaining wastewater from stripper @ 11 KLD and bleed liquor (effluent from scrubber) @ 5 KLD (Total: 16 KLD) shall be pass through in-house MEE-1. 13.5 KLD, MEE condensate shall be further treated in ETP along with low COD stream @ 35.5 KLD.

14-(b) 35.5 KLD low COD effluent stream from washing, utility and other ancillary operation shall be treated in in-house ETP along with 13.5 KLD MEE1 condensate & 7 KLD domestic wastewater (total effluent at ETP will be 56 KLD). Treated effluent from ETP shall sent to Post treatment RO (RO-2) followed by Post treatment MEE (MEE-2) installed at adjacent sister concern unit located at Plot No. 457 & 458 as per the existing practice. 11.01 KLD RO-2 reject shall be sent to MEE-2 for further treatment. 42 KLD RO-2 permeate along with 9 KLD MEE-2 condensates shall be reused back for cooling make-up within premises.

Addition of table above the product table as below-

Sr. No.	Product	Quantity (kg/ month)
1.	API & Intermediate	4000
2.	Pilot Trial & Scale up of Product	250

Office : Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010
Phone No.:- (079) 232-32152,232-11514 Fax No.:-(079) 232-22784
E-mail : msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

Addition of a condition in Specific Condition

The Environment Clearance is recommended for the API and Intermediates as a single category instead of an individual category, in line to the MoEF&CC's OM vide file no. 22-33/2019-IA.III dated 28th January 2021 as requested by the Project proponent (PP). However, PP shall not exceed the permissible pollution load i.e. Quantity and quality, including composition, of emissions, discharges, and solid waste generation from such activity for inclusion in the Prior Environmental Clearance as submitted and committed during presentation.

Addition of a condition in Air section (A.3).

Heat requirements shall be met from the boiler installed at adjacent sister concern unit located at Plot No. 457 & 458 as per the existing practice and Same system shall be followed after proposed expansion project.

Rest of the condition of order no. SEIAA/GUJ/EC/5(f)/1263/2021 dated 02/07/2021 will remain unchanged.

With regards,
Yours sincerely,

(S. J. PANDIT)
Member Secretary

Issued to:
M/s. Intas Pharmaceuticals Ltd.
Plot No. 191, ChacharwadiVasna, Sanand, Ahmedabad

SEIAA

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar** 382010
Phone : (079) 23222425
(079) 23222152
Fax : (079) 23232156
Website : www.gpcb.gov.in

GPCB

Application For CTE after EC

CTE-52961

File No : GPCB/ (PCB ID. - 37006)

To,
M/s. Intas Pharmaceuticals Ltd.
Plot No. 191,, Village - Chacharwadi - Vasana, ,
City :Chacharwadi - Vasana ,
Dist : ABD(R-Sanand) ,
Taluka : ABD(R-Sanand)

Sub: Consent to Establish (After obtaining Environment Clearance) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.

Ref: (1) Your online application No. 213695 dated 11/03/2022

(1) Environment Clearance issued by State Authority vide their letter no. SEIAA/GUJ/EC/5(f)/1263/2021 Dated 02/07/2021

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish (After obtaining Environment Clearance) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981** for manufacturing of products as mentioned into the Environment Clearance (EC) granted vide letter under reference no (2) above.

Consent To Establish Is Granted Subject To The Following Conditions: -

1) The validity period of this CTE shall be Seven Years from the issue of this order.
2) Applicant shall strictly comply with all conditions stipulated by competent authority in the order of Environment Clearance issued vide letter under reference No. : 2 above.
3) The applicant shall however , not without the prior concern of the Board. Bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the water Act - 1974, the Air - 1981 and the Environment (Protection) Act - 1986.

For and on behalf of
Gujarat Pollution Control Board

C.A Shah
ROH Head - Ahmedabad(Rural)

- This order is issued to Plot No. 191,, Village - Chacharwadi - Vasana, , City :Chacharwadi - Vasana, Dist : ABD(R-Sanand), Taluka : ABD(R-Sanand) (37006) for CTE amendment after obtaining EC.

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