



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: 12.11.2021

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

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

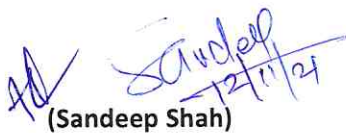
Dear Sir,

Sub.: submission of compliance report of our site plot no. 457-458, Village: Matoda, Taluka: Sanand,
District: Ahmedabad. (May-2021 to October-2021)

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

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

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


(Sandeep Shah)

Authorized Signatory

Encl.: As Above.

COMPLIANCE REPORT

Monitoring period
MAY-2021 to OCTOBER- 2021

M/s. Intas Pharmaceuticals Ltd.

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

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

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

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

Date: 12.11.2021

Sr. No.		
1	Project type: River – valley / Mining / Industry / Thermal / Nuclear / other(specify)	Pharmaceutical Company
2	Name of Project	Expansion of Bulk Drug unit at INTAS PHARMACEUTICALS LTD.
3	Clearance letter (s) / OM No. and date	J-11011/160/2013-IA.-II (I) dated 13.10.2015
4	Location	Plot No.457-458, Sarkhej-Bavla Highway, Village: Matoda, Taluka: Sanand.
	a. District(s)	Ahmedabad
	b. State(s)	Gujarat
	c. Latitude / longitude	22°52'16"N / 72°23'39" E
5	Address for correspondence	
	a. Address of concerned project Chief Engineer (with pin code and telephone / telex / fax numbers)	Intas Pharmaceuticals Limited Plot No.457-458, Sarkhej-Bavla Highway, Village: Matoda, Taluka: Sanand. Ahmedabad, Gujarat. Fax No. 02717 – 661106. Shri Kirti Maheshwari– Exe- Vice President M/s INTAS Pharmaceuticals Ltd., Plot No.457-458, Sarkhej-Bavla Highway, Village: Matoda, Taluka: Sanand. Ahmedabad, Gujarat. Fax No. 02717 – 661106.
	b. Address of Executive Project Engineer / Manager (with pin code / fax numbers)	
6	Salient features	
	a. Of the project	Existing manufacturing of API batch sizes will be increased within same plant/premises.
	b. Of the environmental management plans	a. Treat all the pollutants viz. liquid and gaseous those contribute to the degradation of the environment with appropriate Technology. b. Comply with all regulations stipulated by the Central / State Pollution Control Boards related to air emissions and liquid effluents Discharges as per air and water pollution

		<p>control laws.</p> <p>c. To handle hazardous wastes as per the Hazardous Waste (Management & Handling Rules, 1989 of the Environment (Protection) Act 1986.</p> <p>d. To encourage support and conduct developmental work for the purpose of achieving environmental standards and to improve the methods of environmental management.00</p> <p>e. To promote further a forestation in the Surrounding areas of the Plant.</p> <p>f. To create good working conditions (devoid Of air and noise pollution) for employees.</p> <p>g. To reduce fire and accident hazards.</p> <p>h. Perspective budgeting and allocation of funds for environment management Expenditure.</p> <p>i. Dissemination of technological solutions on Commercial basis to interested parties.</p> <p>j. Continuous Development and search for innovative technologies for a cleaner and Better environment.</p>
7	Break-up of the project area	NA
	a. Submergence area: forest and nonforest	
	b. Others	
8	Break-up of the project affected population with enumeration of those losing houses / dwelling units agricultural land only, both dwelling units and agricultural land and landless labourers / artisa	N.A.
	a. SC, ST / Adivasis	N.A.
	b. Others	N.A.
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is cared out give details and years of survey)	
9	Financial details:	
	a. Project cost as originally planned and subsequent revised estimates and the year of price reference	Project cost: approx. 8.00 Crores.
	b. Allocation made for environmental management plan with item wise and year wise break-up	Approx. cost: 30 lacs.
	c. Benefit cost ratio / internal rate of	-----

	return and the year of assessment	
	d. Whether (c) includes the cost of environmental management as shown in the above	-----
	e. Actual expenditure incurred on the project so far	Rs. 9.2527 Cr.
	f. Actual expenditure incurred on the environment plans so far	Approx Rs. 22.0 lacs
10	Forest land requirement	N.A.
	a. The status of approval for diversion of Forestland for non-forestry use.	N.A.
	b. The status of clearing felling	N.A.
	c. The status of compensatory afforestation, if any	N.A.
	d. Comments on the viability and sustainability of compensatory afforestation programme in the light of actual field experience so far	N.A.
11	The status of clear feeling in non-forest area (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.
12	Status of construction	Major civil work completed.
	a. Date of commencement (actual and / or planned	Actual commercial mfg. started from June 2010 ,
	b. Date of completion (actual and / or planned	2008
13	Reasons for the delay if the project is yet to start	Not applicable.

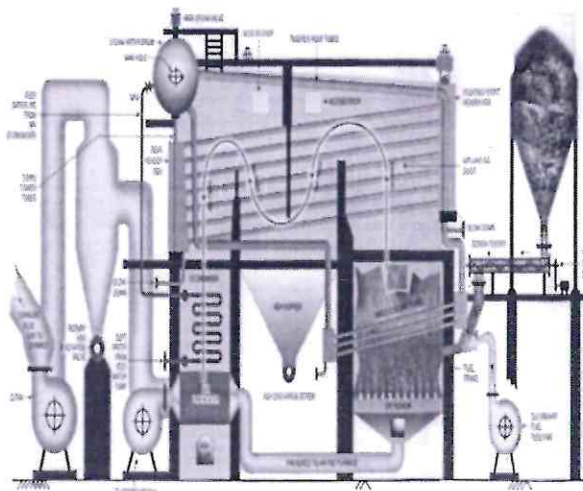
M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period. May'21 to Oct.'21

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

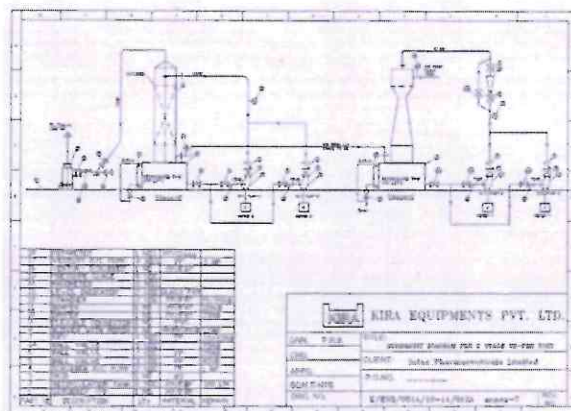
Ref: F. No. J-11011/160/2013- IA II (I) and EC granted vide letter dated 13/10/2015

Sr. No.	EC Condition																																																																																																																	
2.0	The Ministry of Environment, Forest and Climate change has examined the application. It is noted that proposal is for expansion of Bulk Drug Manufacturing Plant (From 6,300 kg/annum to 24,075 kg/annum at plot No. 457 & 458, Sarkhej – Bavla Highway, Village Matoda, Taluka Sanand, District Ahmedabad, and Developed in 42,000 m2. The cost of Project is Rs. 4.00 Crore. It is reported that no eco-sensitive zone is located within 10 Km distance. Following products will be manufactured.	<ul style="list-style-type: none">• This Unit Located at plot No. 457 & 458, Sarkhej – Bavla Highway, Village Matoda, Taluka Sanand, District Ahmedabad. It is reported that no eco-sensitive zone is located within 10 Km distance.• The production details from May-21 to Oct. -21 are as below:																																																																																																																
	<table><tr><th>Sr. No</th><th>Name of Product</th><th>May-21</th><th>Jun-21</th><th>Jul-21</th><th>Aug-21</th><th>Sep-21</th><th>Oct-21</th></tr><tr><td>1</td><td>GEMCITABINE(Kg)</td><td>47.546</td><td>62.32</td><td>16.358</td><td>17.984</td><td>77.914</td><td>14.596</td></tr><tr><td>2</td><td>CAPCITABINE(Kg)</td><td>0</td><td>0</td><td>888.78</td><td>0</td><td>623.076</td><td>753.318</td></tr><tr><td>3</td><td>IMITANIB MESYLATE(Kg)</td><td>0</td><td>39.658</td><td>53.852</td><td>0</td><td>0</td><td>0</td></tr><tr><td>4</td><td>DOCETEXAL(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>Paclitaxel(Kg)</td><td>7.725</td><td>8.730</td><td>8.65</td><td>0</td><td>0</td><td>0</td></tr><tr><td>6</td><td>Carbazitaxel(Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1.328</td></tr><tr><td>7</td><td>Decitabine(Kg)</td><td>1.019</td><td>1.046</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>8</td><td>Azacitidine(Kg)</td><td>0</td><td>0</td><td>0</td><td>3.55</td><td>0</td><td>0</td></tr><tr><td>9</td><td>Erlotinib HCL(Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>10</td><td>Sorafenib Tosylate(Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>11</td><td>Lapatinib Ditosylate mono hydrate(Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>12</td><td>Methotrexate(Kg)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td></td><td>TOTAL</td><td>56.29</td><td>111.754</td><td>967.64</td><td>21.534</td><td>700.99</td><td>769.242</td></tr></table>		Sr. No	Name of Product	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	1	GEMCITABINE(Kg)	47.546	62.32	16.358	17.984	77.914	14.596	2	CAPCITABINE(Kg)	0	0	888.78	0	623.076	753.318	3	IMITANIB MESYLATE(Kg)	0	39.658	53.852	0	0	0	4	DOCETEXAL(Kg)	0	0	0	0	0	0	5	Paclitaxel(Kg)	7.725	8.730	8.65	0	0	0	6	Carbazitaxel(Kg)	0	0	0	0	0	1.328	7	Decitabine(Kg)	1.019	1.046	0	0	0	0	8	Azacitidine(Kg)	0	0	0	3.55	0	0	9	Erlotinib HCL(Kg)	0	0	0	0	0	0	10	Sorafenib Tosylate(Kg)	0	0	0	0	0	0	11	Lapatinib Ditosylate mono hydrate(Kg)	0	0	0	0	0	0	12	Methotrexate(Kg)	0	0	0	0	0	0		TOTAL	56.29	111.754	967.64	21.534	700.99	769.242
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3.0	Bag filter shall be provided to the agro-waste/ Imported Coal fired boiler to control particular emissions. Scrubber shall be provided to the process vents to control process emissions viz HCL and ammonia. Total fresh water requirement from ground water source will be increased from 511 m3/day to 1015 m3/day. Industrial effluent generation will be 445 m3/day. Industrial effluent will be treated in the effluent treatment plant (ETP) and reverse Osmosis Rejects of RO will be evaporated in the multiple effect evaporation	<ul style="list-style-type: none">• Multi cyclone followed by Bag fitters has provided in the boiler to control particular matters emission.																																																																																																																

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



- Unit has installed scrubber facility to control emissions of HCL and ammonia and monitoring has been carried out by GPCB approved Akshar consultants.

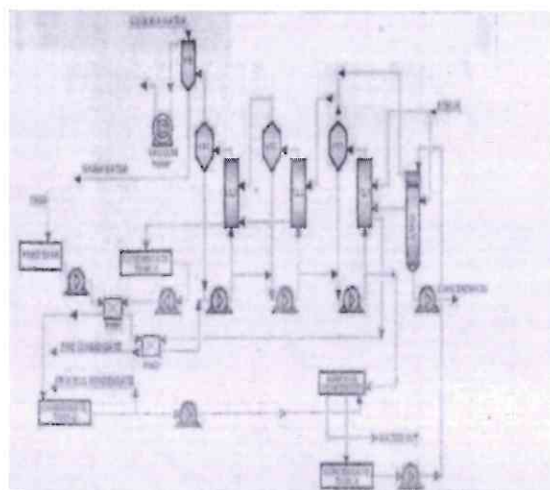


- Entire water requirement has been fulfilled from Bore well .

Fresh water consumption details of Last six months are given as below :

Month	Water Consumption per Month (KI)	Water Consumption per day (KI)
May-21	26467	853.7
Jun-21	23918	797.2
Jul-21	27956	901.8
Aug-21	27301	880.6
Sep-21	26582	886.06
Oct-21	26481	854.2

- For waste water management, We segregate all the effluent streams from source itself based on its characteristics, and it is being treated as per the characteristics as under :
- High COD effluent is generate from API mfg. Unit has installed separately Multiple effect evaporator and its low boiling solvent stripped out by solvent stripper. Mixed solvent incinerate in own incinerator .
- Flow Diagram of Multiple Effect Evaporatoer as per Below



Low COD & low TDS effluent which is collect from High COD mee is being treated in latest PVA gel biological ETP followed by Two stage RO and High TDS multiple effects Evaporator (MEE) with ATFD.

Treated effluent , Condensate and recovered water is recycled/ reused in cooling water and boiler feed make up. Unit has maintained Zero liquid discharge of Process effluent.

- Unit has separately installed latest PVA gel technology Sewage treatment plant and its treated water is using for the gardening as per the existing consent no. **AWH 112483** dated **15/04/2021 valid up to 31/12/2025**. Gardening water details of last six months as per below.

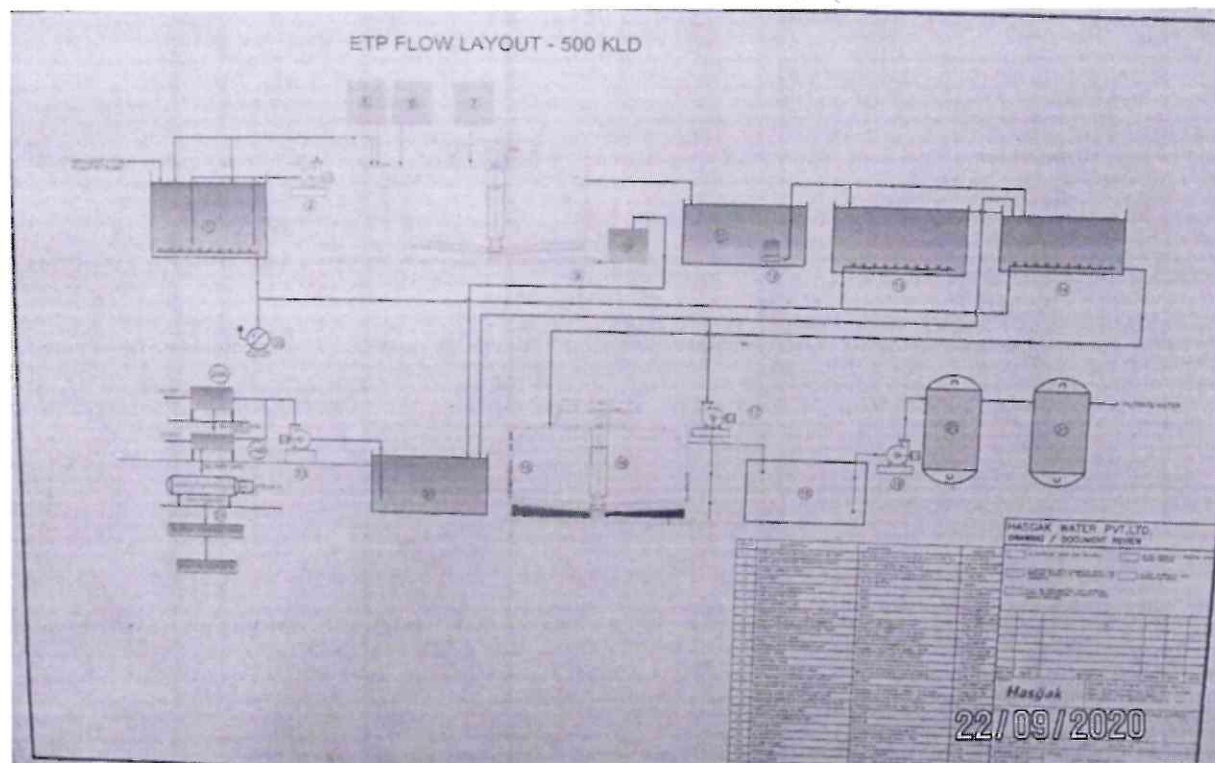
Month	Quantity Discharge in garden per Month (KI)	Quantity Discharge in garden per Day (KI)
May-21	7249	233.8

M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period. May' 21 to Oct.' 21

Jun-21	6720	224
July-21	8000	258.06
Aug-21	8272	266.8
Sep-21	8476	282.5
Oct-21	8254	266.2

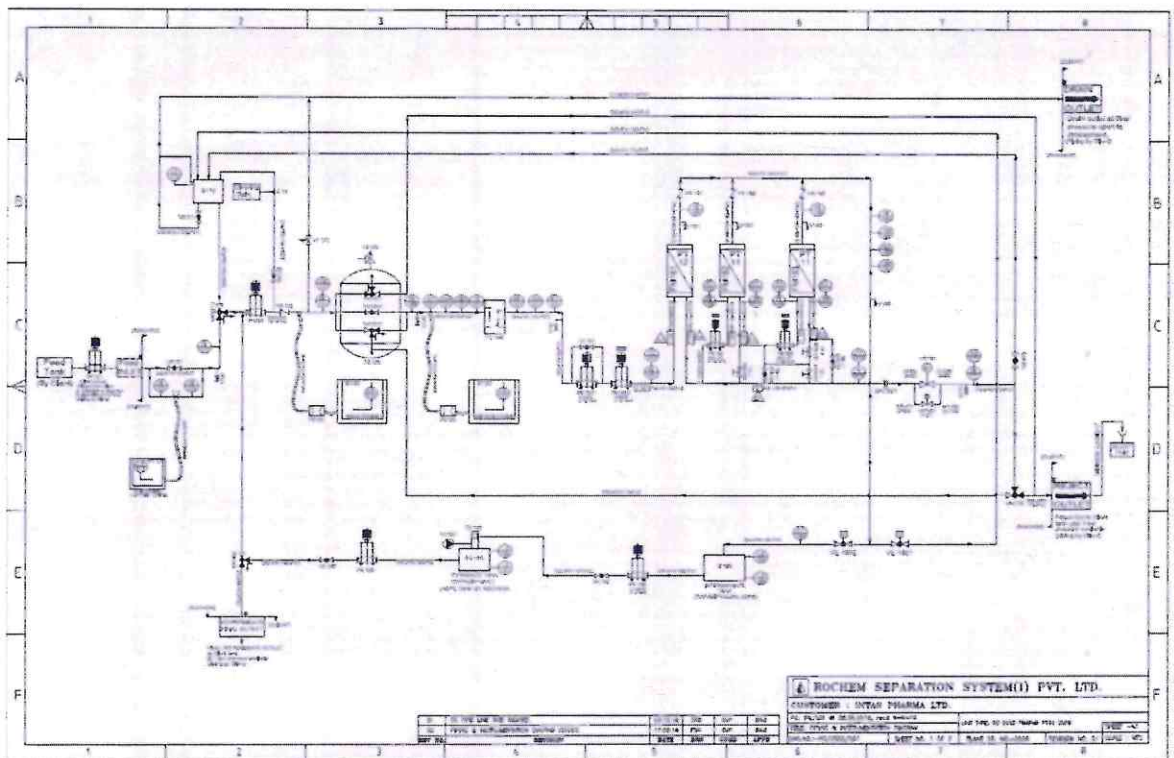
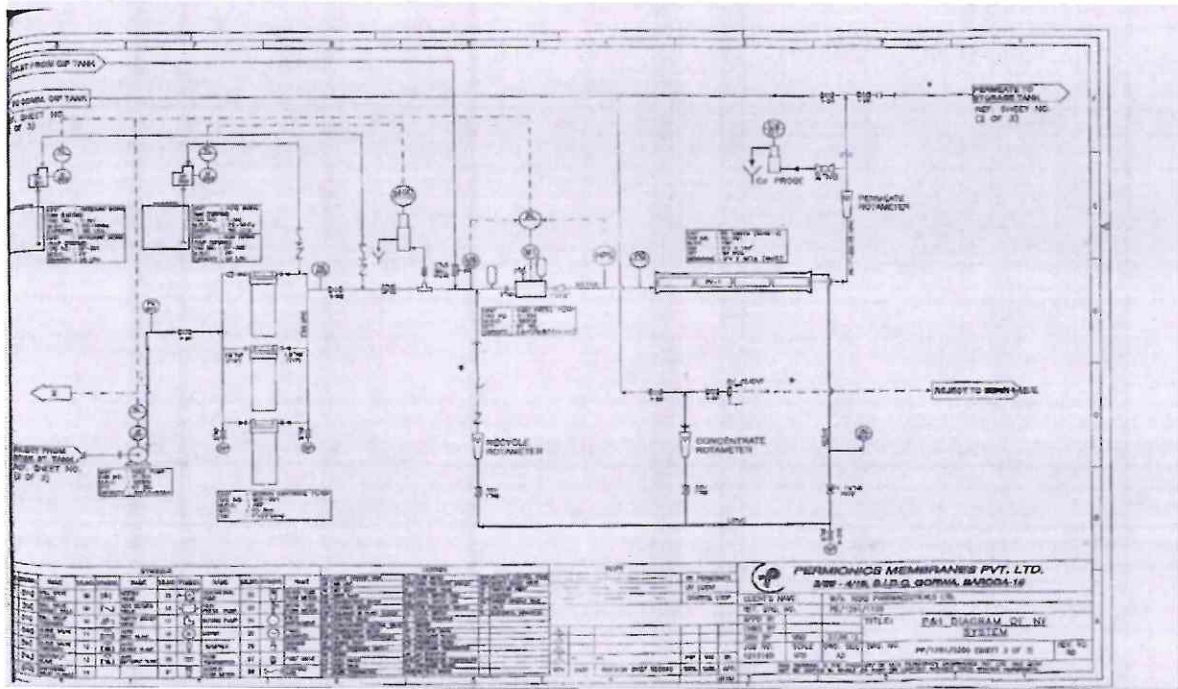
- Hazardous waste generates from site is being managed as per the existing consent **No. AWH – 112483** dated **15/04/2021** valid up to **31/12/2025** and as per the Hazardous waste rule 2016
- Landfill waste is being send to common TSDF site of M/s Eco care, Surendranagr and incinerable waste is being incinerate in own incinerator and Ash is also being send to common TSDF site of M/s Eco care infrastuctures pvt. Ltd. , Surendranagr for Treatment , Storage and disposal facility stipulated at survey no 127 , Village –Ghaspur, Ta : Dasada , Dist : Surenranagar. Membership No : ECIPL -213 and valid from 06.01.20 to 31.03.2023. Membership certificate & Undertaking of Eco Care as Attached **Annexure -1(a) & 1(b)**

Unit has provided ETP for Low COD /Low TDS Effluent Treatment

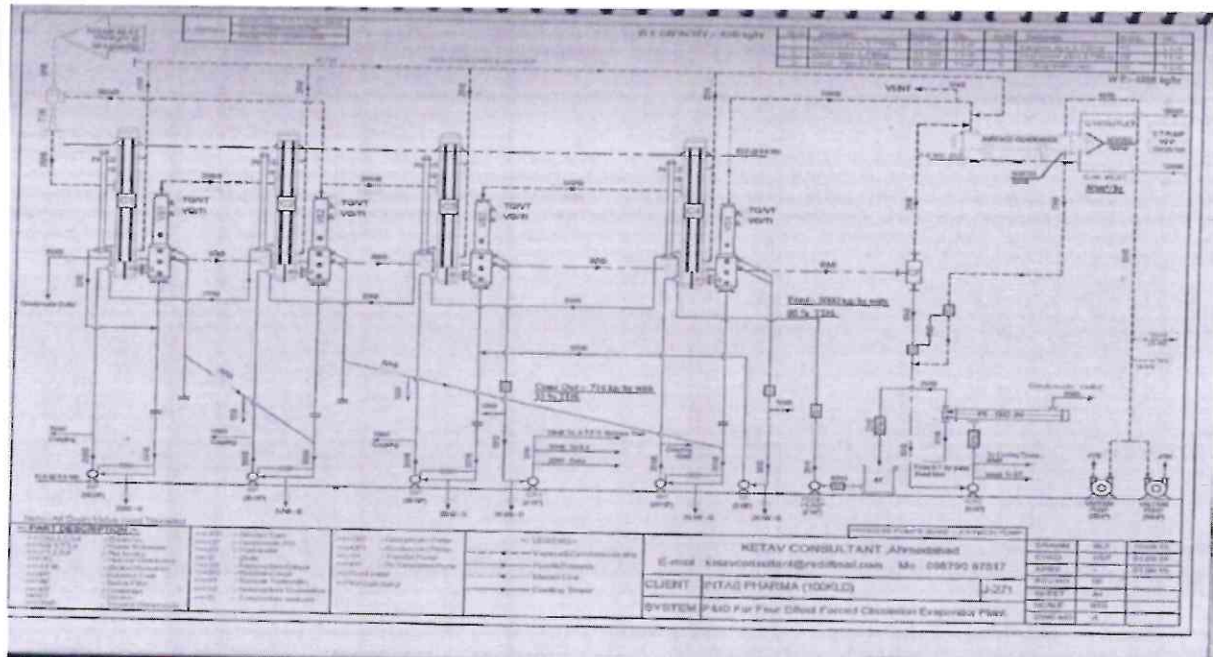


M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period. May' 21 to Oct.' 21

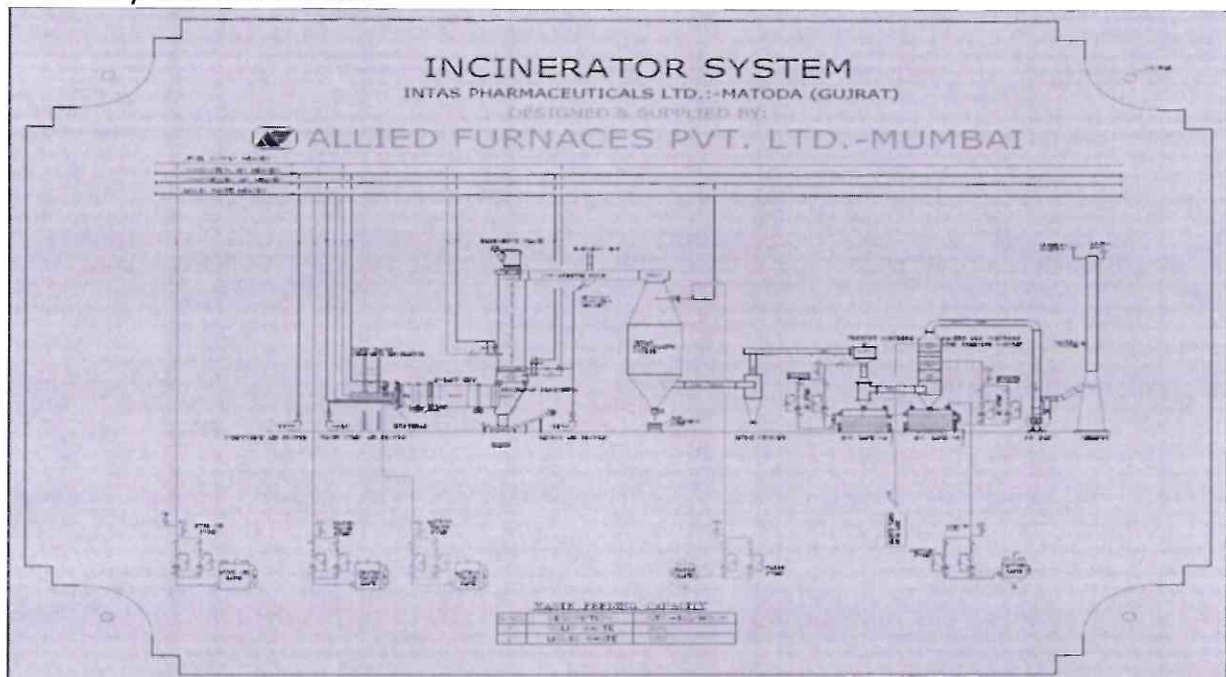
- Unit has provided RO plants for Water recycle (1st Stage & Second stage High pressure RO)



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



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



Capacity of Incinerator:

Solid : 300 Kg/ Hr

Liquid : 100 Kg/Hr

M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period. May' 21 to Oct.' 21

Annexure -1(A)


 101, 7th Floor, Marwar Park, Opp. Tollygunge Station, New Market, Ahmedabad - 380 015 Gujarat, India.
 M. : 7788888888 E-mail : info@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, Mahadev-Rasta Road,

Village-Mahadev, Tal-Baramati, Dist-Maharashtra 422210

to membership of

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

for Treatment, Storage and Disposal Facility (TSD/F)

Situated at Survey No. 127, Village- Ghansur,

Tal. Dahanu, Dist. Surendranagar.

This membership is valid for a period of 3 years.

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

FOR, ECO-CARE INFRASTRUCTURES PVT. LTD.

(Signature)
 (MANAGING DIRECTOR)

The Address : Survey No. 127 Village- Ghansur, Tal. Dahanu, Dist. Surendranagar-382705 M. : 74641131

Annexure -1 (B)

UNDERTAKING

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

To,
 EcoCARE Infrastructures Private Limited
 Survey No. -127
 Village- Ghansur,
 Tal. Dahanu,
 Dist. Surendranagar-382705

WE, **INTAS PHARMACEUTICALS LIMITED**

Situated at Plot No-457-458, Mahadev-Rasta Road, Village-Mahadev, Tal-Baramati, Dist-Maharashtra 422210 intend to become a member of Treatment, Storage and Disposal Facility (TSD/F), located at Survey No. 127, Village- Ghansur for the disposal of solid waste generated from our unit. We are enclosing a DD No. _____ dated _____ Name of the Bank _____ towards the

for Rs. _____ Rs. in Word _____ towards the Membership Fee in favor of EcoCARE Infrastructures Private Limited, TSD/F at Ghansur together with Membership form duly filled, signed and stamped along with necessary enclosures.


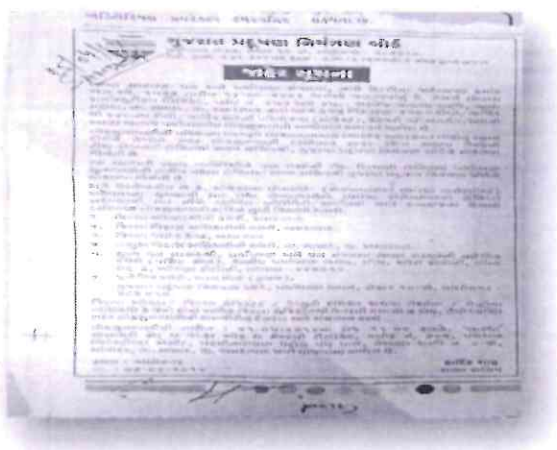
We understand that our membership fees is applicable for the utilization for the disposal of the solid waste for a period of 3 years and we further understand that the fees paid by us is not refundable and non-transferable under any circumstances.

We hereby undertake that

1. The solid waste sent by us for dumping into TSD/F will be in compliance with the relevant environmental laws and the rules/regulations/guidelines prescribed by CPCB/SPCB from time to time. The solid waste will not contain moisture in excess of 20% and will have pH between 9.5 to 9.9.
2. We will send the solid waste by the vehicle duly registered, covered and appropriately secured in accordance with the prevailing procedures, if any, specified by you or the concerned authority to prevent dusting, spillage and environmental nuisance. The disposal system prescribed under Hazardous Waste Management Rules will be fully complied with while transporting solid waste to the TSD/F.
3. We will not send the recyclable/reusable solid waste for dumping.

101, 7th Floor, Marwar Park, Opp. Tollygunge Station, New Market, Ahmedabad - 380 015 Gujarat, India.
 M. : 7788888888 E-mail : info@ecocareinfra.com Website : www.ecocareinfra.com

M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period. May' 21 to Oct.' 21

	<p>4. We understand and agree that "EcoCARE Infrastructures Private Limited" a company, a TDSF 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. incurred to the vehicles and injured to the persons involved in the handling of such waste and it will be solely at our sole risk and we will be responsible to compensate the same and meet with all statutory liabilities arising therefrom.</p> <p>5. We will make advance payment for dumping of solid waste. We will make payment of the bills raised for dumping charges within seven days falling within "EcoCARE Infrastructures Private Limited" will having right to stop the acceptance of solid waste and continuation of associated services and use of facilities.</p> <p>6. It shall be our responsibility to comply with all applicable statutory provisions / Statutes Inter alia RTI Rules and Regulations.</p> <p>7. Whenever a compliance report about handling of solid waste is required by GPCC, the charges shall be borne by us.</p> <p>8. We agree to abide by the terms and conditions and payment charges as may be prescribed by the "EcoCARE Infrastructures Private Limited" from time to time.</p> <p>9. We understand that the license/permit granted is subject to GPCC/GPCC Rules and Regulations.</p> <p>10. It is agreed that we will inform to "EcoCARE Infrastructures Private Limited" and GPCC, whenever we will become member of any other TDSF provider, and will comply with the transmigration/regulations specified by you and to GPCC/GPCC in this regard.</p> <p>11. It is agreed that no party of this agreement shall be responsible for any failure or delay in its part in performing any of its obligations or for any loss or damage, costs, charges and expenses incurred or suffered by the other party by reason of such failure or default or delay caused due to any force majeure conditions, acts of Gods, Laws and Rules & Regulations of Government orders, lock outs, riots, violence, war or any other cause beyond its control.</p> <p>12. Subject to Arbitration jurisdiction only.</p> <p>Please: INTAS, Mumbai Date: _____</p> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;"> Moumesh M. Patel Managing dir. - INTAS <small>Name and designation of Person signing</small> </div> <div style="border: 1px solid black; padding: 2px; text-align: center;">  Signature with seal of Unit </div> </div>	
4.0	Public hearing/public Consultation was held on 21 st May, 2014	<p>EC file no. J-11011/160/2013-IA II(I) issued by MoEF on year - 2013 .Before receiving the EC advertisement for granted EC has been given in English News Paper Times of India(English) & Gujarati Newspaper Sandesh on dated 15/04/14 and also inform to ministry about advertisement through letter. Copy of Advertisement in Gujarati newspaper Sandesh Attached herewith as <u>Annexure -2</u></p> <div style="text-align: center;">  </div>

M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period. May' 21 to Oct.' 21

5.0	The synthetic organic chemicals industry located outside the notified industrial area/estate are listed at S.N. 5(f) under category 'A' and appraised at central level.	--
6.0	The proposal was considered by the Expert appraisal Committee (Industry) in its meetings held during 29 th - 31 st July, 2013, 28 th -29 th August 2014 and July, 2015 respectively. Project proponent and the EIA Consultant namely M/s Anand Consultants, have presented EIA/EMP report as per the TOR EAC has found the EIA/EMP Report and additional information to be satisfactory and in full consonance with the presented TORs. The Committee recommended the proposal for environmental clearance.	--
7.0	Based on the information submitted by the project authorities, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, dated 14 th September 2006 subject to the compliance of the following Specific and General Conditions:	--
A. SPECIFIC CONDITION		
i.	Compliance to all the environmental conditions stipulated in the environmental clearance letter No. J-11011/423/2006-IA II (i) DATED 15TH June 2007, J-11011/160/2013-IAII (I) dated 13th October 2015, shall be satisfactorily implemented and compliance reports submitted to the Ministry's Regional Office at Bhopal.	All conditions complied and compliance reports submitted to Regional Office Bhopal.
ii.	National Emission standards for organic chemicals manufacturing industry issued by the Ministry vide G S R 608€ dated 21st July, 2010 and amended time to time shall be followed by the unit.	Unit are following all the guideline of National Emission Standard and amended time to time.
iii.	Bag filter shall be provided to the agro waste & Impoted coal fired boiler to control particulate emissions within permissible limit The gaseous emissions shall be dispersed through stack of adequate height and monitored online (24 X 7) as per CPCB/GPCB guidelines.	<ul style="list-style-type: none"> Multi cyclone followed by Bag filters has provided in the boiler to control Particulate emissions within permissible limits. Boiler overview pasted in point no.-03 of EC condition Boiler stack monitoring is being done by Akshar Consultants in every Quarterly basis and report submit to GPCB. Find the attached Stack Monitoring report of Boiler as <u>Annexure -3</u>
iv.	Scrubber shall be provided to control process emissions viz. HCl & NH ₃ . The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment.	<ul style="list-style-type: none"> Unit has a SOP for operation of scrubber and pH maintain in scrubber and data note down in Form. NaOH & HCl solution is being used as a

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	Efficiency of scrubber shall be monitored regularly and maintained properly, At no time, the emission level shall go beyond the prescribed standards.	scrubbing media for control the gaseous emission as per existing 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. Find the attached process stack monitoring report as <u>Annexure-6</u>
v.	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling and conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkler shall be provided a loading and unloading area to control dust emissions. Fugitive emissions in the work zone environment, Product, raw materials storage area etc.shall be regularly monitored. Odour management plan shall be implemented.	<ul style="list-style-type: none"> Adequate system is provided by closed handling and we are regularly monitoring respective work area. Handling will be done in closed system. Fugitive emission monitored done at regular intervals at site. Workplace monitoring for fugitive emission is being carried out by M/s. Gujarat Industrial safety & Health services on dated 27/10/2021 to 30/10/2021 Find the attached as <u>Annexure -4.</u>
(vi)	Solvent management shall be carried out as follows :	
i	Chilled brine circulation system shall be provided to condensate solvent vapors and reduce solvent losses. It shall be ensured that solvent recovery should not be less than 95%.	System has implemented.
ii	Reactor & solvent handling pump shall have mechanical seals to prevent leakages.	Mechanical seal pump has provided for the Solvent Handling to prevent any Leakages
iii	The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.	All condensers are designed with sufficient HTA based on process data.
iv	Solvent shall be stored in a separate space specified with all safety measures.	Unit has provided dedicated solvent storage area with adequate Environmental & safety measures as per explosive guideline.

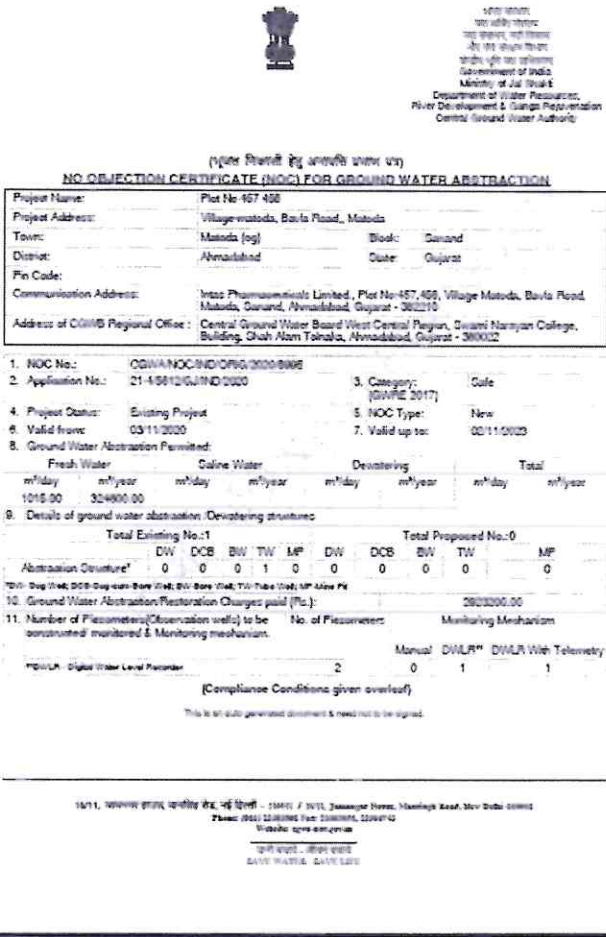
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V	Proper earthing shall be provided in all the electrical equipment whatever solvent handling is done.	Proper earthing is provided in all the electrical equipment and Jumpers are also provided at every Flange joints for solvent handling.
Vi	Entire plant shall be flame proof. The solvent storage tanks should be provided with breather valve to prevent losses.	In manufacturing area all Electrical fittings are flame proof. We do not have storage tanks for storage of solvents.
Vii	The gaseous emissions from DG Set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG Sets to mitigate the noise pollutions.	<ul style="list-style-type: none"> As per the CPCB guidelines, by using the equation viz. $\text{Stack height} = 14 \cdot (Q)^{0.3}$ [where, Q is the emission rate of SO₂ in kg/hr.] and considering the emission factor of SO₂, the stack height required is 13.21 meter. However, we have provided the individual stack height of 20 meter. To Control noise pollution , acoustic enclosure are provided. DG set is kept as a standby arrangement. <p>Regular Noise monitoring has been carried out by M/s. Akshar Consultants. Results is attached as <u>Annexure-5</u> and pasted below.</p>

Noise Monitoring Report				
Locations	Average Reading (dB) – MAY -21 & AUG -21			
	May -2021		Aug -2021	
	Day Time (03.30 PM to 04.10 PM) (GPCB Limit : 75 dB)	Night Time (10.45 PM to 11.15 PM) (GPCB Limit : 70 dB)	Day Time (4.00 PM to 4.35PM) (GPCB Limit : 75 dB)	Night Time (10.30 PM to 11.00 PM) (GPCB Limit : 70 dB)
Near Main Gate no. 01	68.9	60.2	67.8	61.3
Near Main Gate no. 02	67.8	58.4	68.2	60.7
Near NE corner of premises.	68.2	58.7	69.1	61.3
Near SE corner of premises.	66.9	58.4	68.4	60.3
Near Boiler House	72.2	64.7	72.8	63.9
Near ETP.	72.6	63.7	73.1	64.4
Nea RM Storage House	67.4	62.9	68.2	63.4
Near Adminstration Building	65.2	61.4	64.8	62.2
Near Pump House	73.0	65.1	72.8	65.7
Near DG Set and Compressor room	73.3	66.7	73.1	67.3

Viii	<p>The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically, It shall simultaneously be sent to the Regional office of MOEF, the respective zonal office of CPCB and the GPCB. The levels of PM10 , PM2.5, SO2, NOx, HCl, NH3, VOC and CO in ambient air and emissions from the stacks shall be monitored and displayed at a convenient locations near the main gate of the company and at important public places.</p>	<ul style="list-style-type: none"> • The company is uploading every six month the status of compliance of the stipulated environmental clearance conditions including results of monitored data on website and update in every six month and simultaneously is sent to the Regional office of MoEF. • Unit has provided two stage scrubber systems for control of process emission. However, if failure of APCM occurs manufacturing activities is being stopped in emergency & not restarted until the control measures are rectified to achieve the desired efficiency. • Ambient air monitoring & Stacks monitoring for process stacks being carried out on Quarterly basis by GPCB approved third party and result being communicated to pollution control board on monthly basis.
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		<ul style="list-style-type: none"> Stack monitoring & ambient air monitoring is being monitored by M/s Akshar Consultants. It is also a MoEF recognized laboratory Copy of process stack monitoring is attached as Annexure -6 & ambient air monitoring report is attached as Annexure-10 In addition to that unit has provided dump tank connected to emergency release valve to avoid accidental release of gaseous emission atmosphere Monitoring data of Effluent, Stack, Hazardous waste etc... are displayed at main gate and periodically update the data.
IX	Total fresh water requirement from ground water source shall not exceed 1015 m3/day and prior permission shall be obtained from the CGWA/SGWA.	<p>Noted. NOC Received from CGWA</p> <p>NOC No: CGWA/NOC/IND/ORIG/2020/8998</p>
		
X	Industrial effluent generation shall not exceed 445 m3/day and treated in ETP followed by R.O. R O rejects will be concentrated in MEE. Sewage will be	<ul style="list-style-type: none"> For waste water management, We segregate all the effluent streams from source itself based on its characteristics as under :

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	<p>treated in STP. Treated effluent and Condensate and recovered water shall be recycled/reused for cooling water make up and process. Zero effluent discharge should be adopted and no effluent will be discharged outside the premises.</p>	<ul style="list-style-type: none"> • High COD effluent is generate from API mfg. Unit has installed separately Multiple effect evaporator and its low boiling solvent stripped out by solvent stripper. mix solvent incinerate in own incinerator and its low cod effluent treated by ETP followed by two satge RO plant and high TDS MEE with ATFD • Low COD & low TDS effluent is being treated in biological ETP followed by two atage RO plant and High TDS multiple effects Evaporator (MEE) with ATFD. • Treated effluent, Condensate and recovered water is recycled/ reused in cooling water make up. Unit has maintained Zero liquid discharge of Process effluent. • Unit have separately installed latest type PVA gel Technology Sewage treatment plant and its treated water is using for the gardening as per the existing consent no. AWH-112483 dated 15/04/2021 valid up to 31/12/2025 .Gardening water details for the month of May - 21 to Oct - 21 as per below. <table border="1"> <thead> <tr> <th>Month</th><th>Quantity Discharge in garden per Month (KI)</th><th>Quantity Discharge in garden per Day (KI)</th></tr> </thead> <tbody> <tr> <td>May-21</td><td>7249</td><td>233.8</td></tr> <tr> <td>Jun-21</td><td>6720</td><td>224</td></tr> <tr> <td>Jul-21</td><td>8000</td><td>258.06</td></tr> <tr> <td>Aug-21</td><td>8272</td><td>266.8</td></tr> <tr> <td>Sep-21</td><td>8476</td><td>282.5</td></tr> <tr> <td>Oct-21</td><td>8254</td><td>266.2</td></tr> </tbody> </table>	Month	Quantity Discharge in garden per Month (KI)	Quantity Discharge in garden per Day (KI)	May-21	7249	233.8	Jun-21	6720	224	Jul-21	8000	258.06	Aug-21	8272	266.8	Sep-21	8476	282.5	Oct-21	8254	266.2
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xi	<p>Process effluent/ any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.</p>	<p>Separate drainage provided for Process effluent and Storm water Drain. Guard pond provided at end of storm water drain .</p>																					
xii	<p>Automatic / online monitoring system (24 X 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.</p>	<ul style="list-style-type: none"> • Unit have maintain Zero liquid Discharge as per the existing consent no. AWH-112483 dated 15/04/2021 valid up to 31/12/2025. Only Treated sewage effluent is using for the gardening as per the existing consent. • Treated Sewage Monitoring being done on Monthly basis through GPCB approved third party and being regularly submitted to GPCB & updated 																					

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		in company's website. Analysis Report attached as <u>Annexure-7.</u>
xiii	Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	We do not have storage tanks for flammable chemicals. We have stored Chemicals in the drums, Carboys and properly stored in to solvent storage area with adequate Environment and safety measures.
xiv	As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/ cement industry.	<ul style="list-style-type: none"> • We are complying and following SPCB norms as per CC & A. • Process organic residue incinerate in own incinerator as per CC&A . • ETP sludge, Evaporation Salt is being sent to common TSDF site of M/s Ecocare, Surendranagar and Incinerator ash also send to M/s. Eco care, surendranagar for land filling purpose as per the existing consent no. AWH-112483 dated 15/04/2021 valid up to 31/12/2025 and as per the Hazardous waste rule 2016
xv	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous waste, (Management, Handling & Trans- Boundary movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from GPCB shall be obtained for disposal of solid / hazardous waste in the TSDF,. Measures shall be taken for firefighting facilities in case of emergency, Membership of TSDF for hazardous waste disposal shall be obtained.	<ul style="list-style-type: none"> • Hazardous waste generates from site is being managed as per the existing consent No. AWH-112483 dated 15/04/2021 valid up to 31/12/2025 as per the Hazardous waste rule 2016, CC&A copy is attached as <u>Annexure-8</u> • As a part of firefighting measures, we have fixed fire hydrant system with FH stand point, foam monitoring system & sprinkler system. Further we have also provided sufficient nos. of portable fire extinguisher in all technical & non-technical areas. • Unit has obtained Membership of M/s. Ecocare infrastructures pvt. Ltd. Surendranagr for Treatment , Storage and disposal facility stipulated at survey no 127 , Village –Ghaspur, Ta : Dasada , Dist : Surenranagar. Membership No : ECIPL -213 and valid from 06.01.20 to 31.03.2023. for Hazardous waste Disposal.
xvi	The company shall strictly comply with the rules and guidelines under manufacture, storage and import of hazardous chemicals, (MSIHC) Rules,	The company is strictly comply with the rules and guidelines under manufacture, storage and import of hazardous chemicals, (MSIHC) Rules, .




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	11989 as amended in Oct., 1994 and January, 2000. All Transportations of Hazardous chemicals shall be as per the Motor Vehicle Act (MVA) 1989.	11989 as amended in Oct., 1994 and January, 2000. Unit has followed strictly Motor vehicle Rules for transportation of Hazardous Chemicals.
XVII	Fly ash should be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash and dust should be avoided.	Unit has a separate close storage for fly ash and necessary safety and environmental precaution adheres during handling.
xviii	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	All necessary fire protectors are provided in work. Fire hydrant system, earthing provided throughout the premises.
xix	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<ul style="list-style-type: none"> The company are regularly monitoring health surveillance of all the employees on a yearly basis and six monthly bases which employees engaged in Onco API and general API and necessary records are being maintained. Last medical checkup for all company & contract employees has been carried out in Sept - 2021 and. 100% employees were covered. Tests undertaken during the health survey are Pulse, BP high, BH low, HB, WBC, RBC, ESR, ECG Report etc. No employees has been found with any occupational abnormalities <p>The Test Report for occupational health along with details of tests undertaken during the health survey is pasted as bellow.</p>

Sr No.	Name	Age	Blood Pressure (mm Hg)	Pulse/min	Hb g/dl	WBC/cm ³	RBS mg/dl	ESR mm/hr	ECG Report
1	KRISHNAKANTSINH	33	130/80	72	14.8	6680	86.95	2	Normal
2	DISHIT SHYAMBHAI	25	120/84	70	15	5760	96.63	7	Normal
3	RAJNEESHKUMAR	36	134/82	74	13.2	6860	86.78	11	Normal
4	KISHANBHAI	29	120/80	72	13.6	7200	89.54	7	Normal
5	PANKAJ BALDEVBHAI	46	132/86	76	15.1	9680	97.32	2	Normal

xx	<p>As proposed, green belt over 42,000 m2 land shall be developed within plant premises with at least 10 meter. wide green belt on all sides along the periphery of the project area, in download direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.</p>	<p>Green Belt developed in 1,05,000 m2 land within Plant premises. Wide green belt developed on all side along with the periphery of the every manufacturing unit and warehouses.</p> <p>Listed trees developed in Unit Premises</p> <p>Golmor, Pipal , Rain tree, Pilto ,Conocarpus ,Kinjelia,Kodia, Nilgiri, Neem, Saru etc...</p> <p>Niligiri forest developed in premises and photograph pested below.</p>
	<div data-bbox="245 757 1476 1429" data-label="Image"> <p><i>Intas NILGIRI (Eucalyptus) Plants Forest - Matoda</i></p> </div>	
xxi	<p>All the commitments made to the public during the public hearing / public consultation meeting held on 21st May, 2014 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhopal.</p>	<p>Unit are completed all the commitments made to the public during the public hearing / public consultation meeting and satisfactory implemented . Separate budget allocated for improving EHS .</p>
xxii	<p>At least 5% of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such programme should be ensured accordingly in a time bound manner.</p>	<p>We are follow the CSR guideline. Recent development on community development attached for reference .</p>




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		  Tree Plantation - Intas Impact Report Sarkhej - Bavla Roac CSR Activity.docx  Data Sheet 2019-20 Girlchild Education
xxiii	Provision shall be made for the housing for the construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	Not applicable of this point.
B. GENERAL CONDITION		
i.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.	<ul style="list-style-type: none"> The company is committed to follow all statutory requirements stipulated by SPCB/state government in Vide consent order NO. AWH-112483 dated 15/04/2021 valid up to 31/12/2025 . Copy of CC&A Attached as <u>Annexure-9.</u>
ii.	No further expansions or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	<ul style="list-style-type: none"> We assure that no further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forest.
iii	The locations of ambient air quality monitoring shall be decided in consultation with the Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	<ul style="list-style-type: none"> The location of Ambient Air quality Monitoring is decided in open space near Boiler and Ambient Air monitoring is done by approved Akshar Consultants. Work area air monitoring also carry out by Akshar Consultants. Report for the same are attached separately as <u>Annexure-10</u>

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iv.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<ul style="list-style-type: none"> The overall noise level is well within the limit for detail pl. refers as Annexure - 11 for noise monitoring report. Noise monitoring is done by approved Akshar Consultants in every Quarter.
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.	Unit has provided rain water harvesting system to recharge the ground water and conserve the ground water.
vi.	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste water and storm water drains.	Unit has already constructed garland drain to avoid mixing during material handling to avoid spillages & intermixing.
vii.	Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.	<p>The following PPE's are provided to the employees/workers and it's usage ensured :</p> <ul style="list-style-type: none"> Safety Helmet – During operation Safety Shoes - Mandatory Hand gloves (cotton, leather, rubber) – During operation Safety Goggles - Mandatory Working dress – Mandatory Safety Belt – During working at Height
Viii	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	<ul style="list-style-type: none"> Company has provided compulsory induction training to every new company & contract employee for EHS awareness. Fire drill demonstration and awareness training provided to all department employee in every 02 months. Environmental and safety mock drill conduct every 06 months for particular plant with various scenario.

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		<ul style="list-style-type: none"> • During the environment day, safety week, fire day various training programme planned for awareness on the subject of safety, Health and Environment. • First aid training conducted every year through state government approved doctor and also in-house training Planned at every month by Factory Medical Officer.
ix	The Company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk, mitigation measures and public hearing relating to the project shall be implemented.	<ul style="list-style-type: none"> • Unit are comply and implement all the environment protection measures as per EIA /EMP. • Risk Assessment details are covered in Safety Manual and On Site emergency plan is prepared & Update every year and submitted to office of Factory inspector
xi	The company shall undertake eco - developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<p>Details of eco development measures implemented including community development measures in projet area is attached as per below</p> <div style="text-align: center;">   <p>Tree Plantation - Intas Impact Report Sarkhej - Bavla Roac CSR Activity.docx</p>  <p>Data Sheet 2019-20 Girlchild Education</p> </div>
	<p>INTAS Girl Child Education Programme.</p> <p>Introduction</p> <p>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:</p>	

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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,



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	<p>Representatives from Intas also joined the drive</p> <p>Mr. Hitesh Patel - Team Admin Mr. Dhaval Gohel - EHS</p>  	 <p>Mr. Balwant Singh, Sarpanch – Moraiya Village</p>  <p>Inaugurated the plantation drive in village</p>   <p>All 600 tree plants will be protected with tree guard</p> 
xii	<p>A separate environmental management cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.</p>	<p>Separate EHS management Cell is in Place & Functioning well. Organogram of EHS management cell is pasted below. We have also established adequate ETP laboratory to analyzing basic parameter pH, COD, BOD, TDS,</p>

M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period. May’ 21 to Oct.’ 21

		TSS, MLSS, MLVSS etc....for detail analysis we have done by GPCB approved M/s. Akshar Consultants.																																																																				
	<table><tr><th colspan="4">Qualification of EHS Department</th></tr><tr><th>Designation</th><th>NAME of Person</th><th>Total years of Experience</th><th>QUALIFICATION</th></tr><tr><td>Sr. V.P. (API Mfg.& EHS Head)</td><td>Mr. Sandeep Shah</td><td>+ 30 Yrs.</td><td>BE (Chemical)</td></tr><tr><td>Sr. GM - EHS</td><td>Mr. Hitesh Gandhi</td><td>+ 30 yrs.</td><td>BE (Chemical) +PDIS+PDIEM</td></tr><tr><td>A.G.M.</td><td>Dr. Gaurav Jain</td><td>+ 17 yrs</td><td>MBBS , M.D.</td></tr><tr><td>Sr. Manager</td><td>Mr. Kalpesh Patel</td><td>+ 20 Yrs</td><td>Diploma in Chem. + PDIS</td></tr><tr><td>Manager</td><td>Mr. Hitesh Dave</td><td>+ 15 yrs</td><td>B.E. Mechanical +PDIS</td></tr><tr><td>Asst. Manager</td><td>Mr. Ritesh Patel</td><td>+ 20 Yrs</td><td>Bsc. Chemistry</td></tr><tr><td>Asst. Manager</td><td>Mr. Punit Patel</td><td>+ 12 yrs</td><td>Bsc. Chemistry + PDIS</td></tr><tr><td>Sr. Executive</td><td>Mr. Amrish Prajapati</td><td>+10 Yrs.</td><td>BE Chemical + PDIS</td></tr><tr><td>Executive</td><td>Mr. Ramesh Khatik</td><td>+10 Yrs.</td><td>BE Chemical + PDIS</td></tr><tr><td>Sr. Officer (Env.)</td><td>Shift Officers (06 Nos)</td><td>+ 10 Yrs.</td><td>Bsc. Chemistry</td></tr><tr><td>Maintenance Engg.</td><td>Shift Engg. (02 Nos)</td><td>+ 03 Nos.</td><td>B.E. Mechanical</td></tr><tr><td>Officer (OHC)</td><td>Shift male Nurse (04 Nos)</td><td>+ 5 Yrs.</td><td>General Nursing</td></tr><tr><td>Fire Officer (Safety)</td><td>Shift Officers</td><td>+15 Yrs</td><td>I.T.I. Fire</td></tr><tr><td>Operator (Env)</td><td>Shift Operators (19 Nos)</td><td>+ 10 Yrs.</td><td>I.T.I or 12 Pass</td></tr><tr><td>Technician (Env)</td><td>Shift Technicians(06 Nos)</td><td>+ 10 Yrs.</td><td>I.T.I.</td></tr></table>		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+PDIEM	A.G.M.	Dr. Gaurav Jain	+ 17 yrs	MBBS , M.D.	Sr. Manager	Mr. Kalpesh Patel	+ 20 Yrs	Diploma in Chem. + 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.
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Xiii	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so	Sufficient Funds allocated for implementation of Environmental management/pollution measures are not be diverted for any other purposes.																																																																				

M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period. May’ 21 to Oct.’ 21

	earmarked for Environment Management/ Pollution Control measures shall not be diverted for any other purpose.	
xiv	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zillaparisad / Municipal Corporation, Urban local body and the local NGO, if any, from who suggestions / representations, if any, were received while processing the proposal.	Sent the clearance letter to all concern and local body.
xv	The project proponent shall also submit six monthly reports on the status of Compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by E-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six monthly compliance shall be posted on the website of the company.	Unit is regularly submitted the six monthly compliance reports against stipulated Environmental clearance conditions including results of monitored data , which is monitored by approved consultants (Both in Hard copies as well as upload in Parivesh Portal) to respective regional office of MOEF / GPCB. We have uploaded Details of status of compliance of the stipulated EC condition, including result of monitored data on company website.
xvi	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MOEF by E-mail.	The company is submitted environmental statement , Form – V in Gujarat pollution Control Board Xgn. For each financial year ending 31 st 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 <u>Annexure -13</u>
xvii	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/ Committee and may also be seen at website of the Ministry at http://envfor.nic.in This shall be advertised within 7 days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same	EC file no. J-11011/160/2013-IA II(I) issued by MoEF on year - 2013 .After receiving the EC advertisement for granted EC has been given in English News Paper Times of India(English) & Gujarati Newspaper Sandesh on dated 15/04/14 and also inform to ministry about advertisement through letter.

M/s Intas Pharmaceuticals Ltd – EC Compliance Report for the period. May’ 21 to Oct.’ 21

	shall be forwarded to the concerned Regional Office of the Ministry.	
xviii	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Same is informing to concern regional office as well as Ministry.

ANNEXURE DETAILS	
ANNEXURE NUMBER	ITEM DICSRIPTION
1 (a)	EcoCare TSDF membership certificate.
1 (b)	EcoCare Undertaking
2	Public Hearing Advertisement
3	Stack Monitoring Report of Boiler
4	Work Place Monitoring – Form 37
5	Noise Monitoring Report
6	Process Stack monitoring Report
7	STP Analysis Report
8	CC&A copy
9	CC&A copy
10	Ambient Air Monitoring Report
11	Noise Monitoring report
12	EHS Organogram
13	Form – V Environment Statement
14	ETP Sludge & Incinerator Ash Analysis Report
15	Analysis report of treated Effluent
16	Stack monitoring Report of Incinerator
17	Stack monitoring Report of D.G. sets
18	Work area air sampling Analysis Report

MEMBERSHIP CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that

M/S. INTAS PHARMACEUTICALS LTD

which is situated at

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

is member of

M/S. ECO CARE INFRASTRUCTURES PVT. LTD.

for Treatment, Storage and Disposal Facility (TSDF).

Situated at Survey No. 127, Village: Ghaspur,

Tal.: Dasada, Dist.: Surendranagar.

This membership is valid for a period of 3 years.

Membership No. : ECIPL-213

Membership Renewal Date : 06-01-2020

Membership Expired on : 31-01-2023

FOR, ECO CARE INFRASTRUCTURES PVT. LTD.


(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.

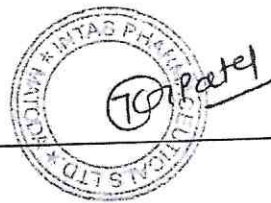
CHANGODAR BRANCH
AHMEDABAD - 382211
GUJARAT
1258 7219383
STAMP DUTY
00000
SPECIAL ADHESIVE
17.12.2019
1258 7219383

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

Place: INTAS, MATODA

Date:

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


Signature with seal of Unit

ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ

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

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

જાહેર સૂચના

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

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

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

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

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

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

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

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

સ્થળ : ગાંધીનગર
તા. : ૦૭-૦૪-૨૦૧૪

હાર્દિક શાહ
સભ્ય સચિવ

Annexure-3



AKSHAR
CONSULTANTS

THE ENVIRONMENT MANAGEMENT PEOPLE

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/21-22/027

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 45 AM
SAMPLING LOCATION	: Stack attached to 10 TPH Steam boiler.	FUEL USED : Imported Coal

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	133.00
Stack gas velocity (m./sec.)	10.89
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.39
Wt. of PM collected (mg.)	51.69

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	132.54	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		79.40	100 ppm
Nitrogen Di-oxide (NO ₂)		2.45	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)

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



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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/21-22/029

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 05 AM
SAMPLING LOCATION	: Stack attached to Old Steam boiler.	FUEL USED : Agro Waste.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	143.00
Stack gas velocity (m./sec.)	12.31
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.45
Wt. of PM collected (mg.)	61.70

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	137. 11	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		15. 12	100 ppm
Nitrogen Di-oxide (NO ₂)		2. 65	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/217

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 40 AM
SAMPLING LOCATION	: Stack attached to 10 TPH Steam boiler.	FUEL USED : Imported Coal STACK HEIGHT : 38 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	118.00
Stack gas velocity (m./sec.)	12.19
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.48
Wt. of PM collected (mg.)	64.25

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	133. 85	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		71. 35	100 ppm
Nitrogen Di-oxide (NO ₂)		2. 66	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)

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

Report No. : AC/AIR/21-22/219

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 55 AM
SAMPLING LOCATION	: Stack attached to 3 TPH Steam boiler.	FUEL USED : Agro Waste.
		STACK HEIGHT : 35 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	158.00
Stack gas velocity (m./sec.)	13.24
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.45
Wt. of PM collected (mg.)	58.50

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	130. 00	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		10. 88	100 ppm
Nitrogen Di-oxide (NO ₂)		3. 39	50 ppm

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

ANALYSED BY,

FOR AKSHAR CONSULTANTS,

(Analyst)

(Authorised Signatory)

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

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.

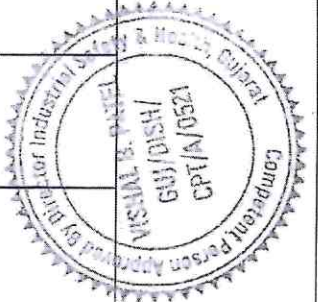
Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination Number of samples	Range In mg/m ³	Average In mg/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
1	1	2	3	4	5	6	7	8	9	10	11	12
		PM 2.5	Fine Dust Sampler	1	14.80 µg/m ³	14.80 µg/m ³	40 µg/m ³	Standard Method	02	--		VISHAL B. PATEL
		PM 10			34.44 µg/m ³	34.44 µg/m ³	60 µg/m ³					
		SO2			BDL	BDL	50 µg/m ³					
		NO2			BDL	BDL	40 µg/m ³					
		Methanol			8.70 Ppm	8.70 ppm	200 ppm					
		Methylene Di Chloride			BDL	BDL	15 ppm					
		Ethyle Acetate			2.75 ppm	2.75 ppm	400 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



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.

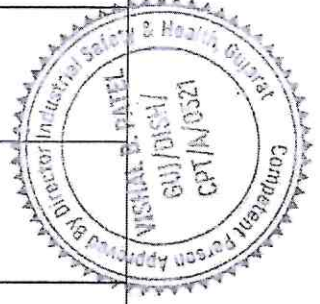
Date of Monitoring: 27.10.2021

Date of Report: 03.11.2021

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination Number of samples	Range In mg/m ³	Average In mg/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
1	Block-A FF Process Room-10	PM 2.5	Fine Dust Sampler	4	11.89 µg/m ³	11.89 µg/m ³	40 µg/m ³	8	9	10	11	12
		PM 10			21.95 µg/m ³	21.95 µg/m ³	60 µg/m ³	Standard Method	03	--		
		SO2			BDL	BDL	50 µg/m ³					
		NO2			BDL	BDL	40 µg/m ³					
		Methanol			2.5 Ppm	2.5 Ppm	200 ppm					
		Methylene Di Chloride			BDL	BDL	15 ppm					
		Ethyle Acetate			3.95 ppm	3.95 ppm	400 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

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.

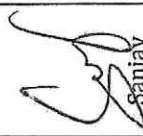
Plot No. 457-458, 191, Sarkhej-Bavla Road

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

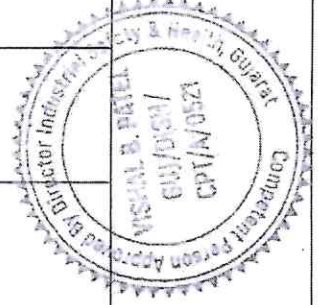
Date of Monitoring: 28.10.2021

Date of Report: 03.11.2021

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination Number of samples	Range In mg/m ³	Average In mg/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
1	Block-A FF Process Room-12	PM 2.5	Fine Dust Sampler	4	13.15 µg/m ³ 21.30 µg/m ³	13.15 µg/m ³ 21.30 µg/m ³	40 µg/m ³ 60 µg/m ³	8	9	10	11	12
		PM 10			BDL	BDL	50 µg/m ³	Standard Method	04	--		VISHAL B. PATEL
		SO2			BDL	BDL	40 µg/m ³					
		NO2			BDL	BDL	200 ppm					
		Methanol			1.20 Ppm	1.20 ppm	15 ppm					
		Methylene Di Chloride			BDL	BDL	400 ppm					
		Ethyle Acetate			4.35 ppm	4.35 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

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.

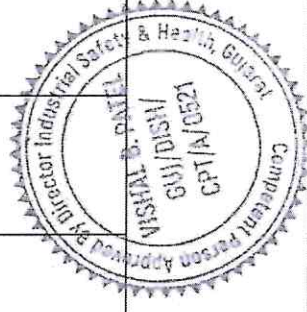
Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination		Average In mg/m ³	TWA concentration (As given In second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)	
	1	2	3	4	5	6	7	8	9	10	11	12	
1	Ware House (Passage) API	PM 2.5	Fine Dust Sampler	1	12.03 µg/ m ³	12.03 µg/ m ³	40 µg/ m ³	Standard Method	03	--	 Sanjay Panchal	VISHAL B. PATEL	
		PM 10			25.85 µg/ m ³	25.85 µg/ m ³	60 µg/ m ³						
		SO2	Gaseous Air Sampler		BDL	BDL	50 µg/ m ³						
		NO2			BDL	BDL	40 µg/ m ³						
		Ammonia (NH3)			3.97 µg/ m ³	3.97 µg/ m ³	100 µg/ m ³						
		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



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.

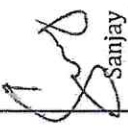
Plot No. 457-458, 191, Sarkhej-Bavla Road

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/m ³	TWA concentration (As given In second Schedule in mg/m ³	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)	
				Number of samples	Range In mg/m ³								
1	Oncology GF Solid Oral	2	3	4	5	6	7	8	9	10	11	12	
		PM 2.5	Fine Dust Sampler	1	12.40 µg/ m ³	12.40 µg/ m ³	40 µg/ m ³	Standard Method	03	--		VISHAL B. PATEL	
					PM 10	28.78 µg/ m ³	28.78 µg/ m ³						60 µg/ m ³
		SO2	Gaseous Air Sampler		BDL	BDL	50 µg/ m ³						
		NO2			BDL	BDL	40 µg/ m ³						
Iso Propyle Alcohol			5.80 ppm		5.8 ppm	400 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

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.

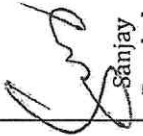
Plot No. 457-458,191, Sarkhej-Bavla Road

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

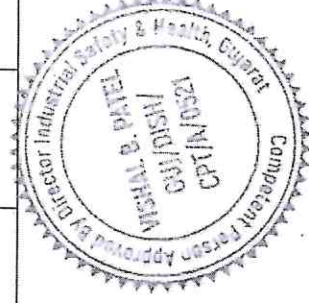
Date of Monitoring: 27.10.2021

Date of Report: 03.11.2021

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination Number of samples	Range In mg/m ³	Average In mg/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
1	OSD-II (Coating-03)	PM 2.5	3	4	5	6	7	8	9	10	11	12
		PM 10	Fine Dust Sampler		15.85 µg/m ³ 32.50 µg/m ³ BDL	15.85 µg/m ³ 32.50 µg/m ³ BDL	40 µg/m ³ 60 µg/m ³ 50 µg/m ³	Standard Method	02	--		VISHAL B. PATEL
		SO2		1	BDL	BDL	40 µg/m ³					
		NO2			BDL	BDL	40 µg/m ³					
		Iso Propyle Alcohol	Gaseous Air Sampler		5.68 ppm	5.68 ppm	400 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

FORM NO. 37

(Prescribed under Rule 12-B)

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Name of the Department / Plant: - M/s. INTAS PHARMACEUTICALS LTD.

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

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 Number of samples	Range In mg/m ³	Average In mg/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
1	OSD-II (Compression Area-03)	PM 2.5	Fine Dust Sampler	4	14.40 µg/m ³	14.40 µg/m ³	40 µg/m ³	Standard Method	03	--		VISHAL B. PATEL
		PM 10			28.50 µg/m ³	28.50 µg/m ³	60 µg/m ³					
		SO2			BDL	BDL	50 µg/m ³					
		NO2			BDL	BDL	40 µg/m ³					
		Iso Propyl Alcohol	Gaseous Air Sampler		4.2 ppm	4.2 ppm	400 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

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.

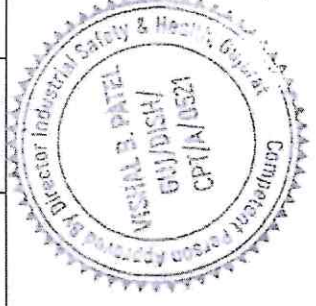
Date of Monitoring: 28.10.2021

Date of Report: 03.11.2021

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination Number of samples	Range In mg/m ³	Average In mg/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
1	OSD-I Granulation-01	PM 2.5	3	4	5	6	7	8	9	10	11	12
		PM 10	Fine Dust Sampler		12.45 µg/m ³ 16.60 µg/m ³ BDL	12.45 µg/m ³ 16.60 µg/m ³ BDL	40 µg/m ³ 60 µg/m ³ 50 µg/m ³	Standard Method	04	--		VISHAL B. PATEL
		SO2		1	BDL	BDL	40 µg/m ³					
		NO2			BDL	BDL	40 µg/m ³					
		Iso Propyle Alcohol	Gaseous Air Sampler		3.64 Ppm	3.64 ppm	400 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

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.

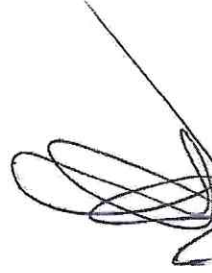
Date of Monitoring: 28.10.2021

Date of Report: 03.11.2021

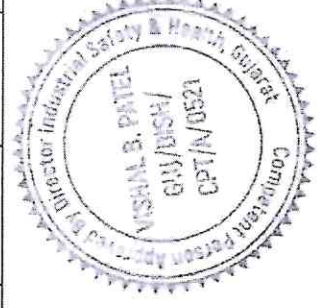
1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination Number of samples	Range In mg/m ³	Average In mg/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
1	OSD-I Compression Area-03	2 PM 2.5	3 Fine Dust Sampler	4	5 9.80 µg/m ³ 13.24 µg/m ³ BDL	6 9.80 µg/m ³ 13.24 µg/m ³ BDL	7 40 µg/m ³ 60 µg/m ³ 50 µg/m ³ 40 µg/m ³ 400 ppm	8 Standard Method	9 02	10 --	11  Sanjay Panchal	12 VISHAL B. PATEL

Note: BDL= Below Detectable Limit



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



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: 28.10.2021

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/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
				Number of samples	Range In mg/m ³							
1	OSD-I Coating Area-01	2	3	4	5	6	7	8	9	10	11	12
		PM 2.5	Fine Dust Sampler	1	12.10 µg/ m ³	12.10 µg/ m ³	40 µg/ m ³	Standard Method	02	--		VISHAL B. PATEL
		PM 10			19.57 µg/ m ³	19.57 µg/ m ³	60 µg/ m ³					
		SO2			BDL	BDL	50 µg/ m ³					
		NO2			BDL	BDL	40 µg/ m ³					
		Iso Propyle Alcohol	Gaseous Air Sampler		2.23 ppm	2.23 ppm	400 ppm					

Note: BDL= Below Detectable Limit



VISHAL B. PATEL (CONFINED SPACE, TFH, OVENS & HEATERS)

COMPONENT PERSON DECLARED BY DIRECTOR

INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO:- - GUJ/DISH/CPT/A/0521&0654/2014&2017

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.

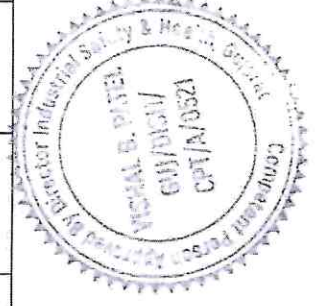
Date of Monitoring: 28.10.2021

Date of Report: 03.11.2021

1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination Number of samples	Range In mg/m ³	Average In mg/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
1	OSD-I Dispensing	PM 2.5	3	4	5	6	7	8	9	10	11	12
		PM 10	Fine Dust Sampler		10.28 µg/m ³ 19.57 µg/m ³ BDL	10.28 µg/m ³ 19.57 µg/m ³ BDL	40 µg/m ³ 60 µg/m ³ 50 µg/m ³	Standard Method	02	--		VISHAL B. PATEL
		SO2		1	BDL	BDL	40 µg/m ³					
		NO2	Gaseous Air Sampler		BDL	BDL	40 µg/m ³					
		Iso Propylene Alcohol			2.10 ppm	2.10 ppm	400 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

FORM NO. 37

(Prescribed under Rule 12-B)

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

Name of the Department / Plant: - M/s. INTAS PHARMACEUTICALS LTD.


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

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

Date of Monitoring: 29.10.2021

Date of Report: 03.11.2021

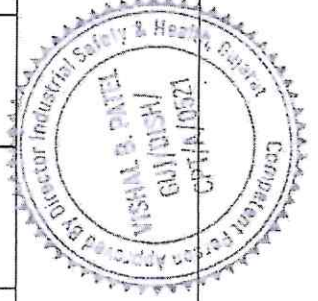
1. Particulars of sampling.

Sr. No.	Location/ Operation Mentioned	Identified contaminant	Sampling instrument used	Airborne Contamination Number of samples	Range In mg/m ³	Average In mg/m ³	TWA concentration (As given in second Schedule in mg/m ³)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letter)
1	Boiler-Old	PM 2.5	Fine Dust Sampler	4	6.87	6.87	40 µg/ m ³	Standard Method	9	10	11	12
		PM 10			13.94	13.94	60 µg/ m ³		02	--		VISHAL B. PATEL
		SO2			BDL	BDL	50 µg/ m ³					
		NO2			BDL	BDL	40 µg/ m ³					
		Methylene Di Chloride	Gaseous Air Sampler		BDL	BDL	15 ppm					

Note: BDL= Below Detectable Limit

VISHAL B. PATEL (CONFINED SPACE, TFH, OVENS & HEATERS)
COMPONENT PERSON DECLARED BY DIRECTOR

INDUSTRIAL SAFETY & HEALTH GUJARAT STATE, NO: - GUJ/DISH/CPT/A/0521&0654/2014&2017





**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 : 05-05-2021

Sr. No.	LOCATIONS	AVERAGE READING (dB)			
		03:30 PM to 04:10 PM (day time)	GPCB Limit (dB)	10:45 PM to 11:15 PM (night time)	GPCB Limit (dB)
01	Near main gate no.1.	68.9	75	60.2	70
02	Near main gate no. 2.	67.8	75	58.4	70
03	Near NE corner of premises.	68.2	75	58.7	70
04	Near SE corner of premises.	66.9	75	58.4	70
05	Near boiler house.	72.2	75	64.7	70
06	Near ETP.	72.6	75	63.7	70
07	Near RM storage area.	67.4	75	62.9	70
08	Near administration building.	65.2	75	61.4	70
09	Near pump house.	73.0	75	65.1	70
10	Near DG set & compressor room	73.3	75	66.7	70

Measured by,

(Analyst)

For AKSHAR CONSULTANTS,

(AUTHORISED SIGNATORY)

Noicana



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

INSTANTANEOUS NOISE LEVEL MONITORING REPORT

Name of Company : Intas Pharmaceuticals Ltd.

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

Date : 04-08-2021

Sr. No.	LOCATIONS	AVERAGE READING (dB)			
		03:00 PM to 03:25 PM (day time)	GPCB Limit (dB)	11:05 PM to 11:25 PM (night time)	GPCB Limit (dB)
01	Near main gate	66.1	75	60.2	70
02	Near ETP	72.3	75	64.9	70
03	Near Bore well	70.3	75	64.2	70
04	Near Electric Substation	71.9	75	64.2	70
05	Near Canteen	70.3	75	63.3	70
06	Near Utility Area	72.1	75	65.2	70
07	Near Ware House	71.9	75	66.0	70
08	Inside Production Area	73.1	75	66.4	70

Measured by,

(Analyst)

For AKSHAR CONSULTANTS,

(AUTHORISED SIGNATORY)

Noicana



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Report No. : AC/AIR/21-22/030

Date : 10-05-2021

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 45 AM
SAMPLING LOCATION	: Vent attached to reaction vessel of API Plant.	

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER		CONCENTRATION	GPCB Limit
		mg/Nm ³	mg/Nm ³
Particulate Matter	(PM)	Nil	150.00
Sulphur Di-oxide	(SO ₂)	10. 20	40.00
Oxides of Nitrogen	(NO _x)	2. 80	25.00
Hydrochloric Acid	(HCl)	5. 85	50.00
Ammonia	(NH ₃)	Nil	175.00
Hydro Carbon	(HC)	Nil	15.00

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



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Report No. : AC/AIR/21-22/031

Date : 10-05-2021

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 12 : 25 PM
SAMPLING LOCATION	: Vent attached to reaction vessel of API Plant.	

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm ³	mg/Nm ³
Particulate Matter (PM)	Nil	150.00
Sulphur Di-oxide (SO ₂)	11.05	40.00
Oxides of Nitrogen (NO _x)	2.95	25.00
Hydrochloric Acid (HCl)	3.80	50.00
Ammonia (NH ₃)	Nil	175.00
Hydro Carbon (HC)	Nil	15.00

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



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Report No. : AC/AIR/21-22/220

Date : 09-08-2021

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 11 : 40 AM
SAMPLING LOCATION	: Process vent no. 1 attached to condenser of reactors.	VENT HEIGHT : 13 Mtr.

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION	GPCB Limit
	mg/Nm ³	mg/Nm ³
Particulate Matter (PM)	Nil	150.00
Sulphur Di-oxide (SO ₂)	9.80	40.00
Oxides of Nitrogen (NO _x)	2.75	25.00

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



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Report No. : AC/AIR/21-22/221

Date : 09-08-2021

SCRUBBER SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 12 : 30 PM
SAMPLING LOCATION	: Process vent no. 2 attached to condenser of reactors.	VENT HEIGHT : 13 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/Nm ³	mg/Nm ³
Particulate Matter (PM)	Nil	150.00
Sulphur Di-oxide (SO ₂)	10.25	40.00
Oxides of Nitrogen (NO _x)	2.60	25.00

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



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Ref. No. AC/EFF/21-22/102

Date : 11-10-2021

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 05-10-2021.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.41	6.5 – 9.0
2	Total Suspended Solids	21.00	100.00
3	BOD	13.00	30.00
4	Fecal Coliform	230.00	1000 MPN/100 ml

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Ref. No. AC/EFF/21-22/088

Date : 14-09-2021

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 08-09-2021.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.52	6.5 – 9.0
2	Total Suspended Solids	23.00	100.00
3	BOD	11.00	30.00
4	Fecal Coliform	250.00	1000 MPN/100 ml

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR
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Ref. No. AC/EFF/21-22/063

Date : 11-08-2021

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 04-08-2021.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.47	6.5 – 9.0
2	Total Suspended Solids	21.00	100.00
3	BOD	9.00	30.00
4	Fecal Coliform	300.00	1000 MPN/100 ml

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



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

Ref. No. AC/EFF/21-22/047

Date : 10-07-2021

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 03-07-2021.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.55	6.5 – 9.0
2	Total Suspended Solids	26.00	100.00
3	BOD	20.00	30.00
4	Fecal Coliform	250.00	1000 MPN/100 ml

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR
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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/EFF/21-22/040

Date : 22-06-2021

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 15-06-2021.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.63	6.5 – 9.0
2	Total Suspended Solids	24.00	100.00
3	BOD	18.00	30.00
4	Fecal Coliform	200.00	1000 MPN/100 ml

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Ref. No. AC/EFF/21-22/015

Date : 12-05-2021

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

Sub. : ANALYSIS REPORT OF YOUR TREATED SEWAGE SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 05-05-2021.

Sr. No.	Parameter	Result	GPCB Limit
1	pH	7.89	6.5 – 9.0
2	Total Suspended Solids	13.00	20.00
3	Ammonical Nitrogen	2.05	5.00
4	Total Nitrogen	4.75	10.00
5	COD	40.00	50.00
6	BOD	8.00	10.00

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



GPCB

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

R.P.A.D

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 3(c) & 5(5) of the Hazardous Waste (Management, Handling & Trans Boundary Movement) Rules-2016 framed under the Environmental (Protection) Act-1986.

And whereas Board has received consolidated consent application No. 185502 dated 10/12/2020 for renewal of the Consolidated Consent and Authorization (CC & A) of this 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 Pharmaceutical Limited,

Plot No: 457,458,

Sarlhej-Bavla Highway,

Vill: Matoda-382210,

Tal: Sanand, Dist: Ahmedabad.

1. Consent Order No. AWH-112483 date of Issue: 15/04/2021.

1.1. The consents shall be valid up to 31/12/2025 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacturing of the following items/products:

Sr. No.	Products	Quantity
1	Gemicitabine HCL	100 Kg/Month
2	Capacitabine	1000 Kg/Month
3	Imatinib Mesylate	100 Kg/Month
4	Decetaxel	8.32 Kg/Month
5	Paclitaxel	12.5 Kg/Month
6	Carbazitaxel	4.16 Kg/Month
7	Decitabine	2.08 Kg/Month
8	Azacitidine	8.33 Kg/Month
9	Earlotinib HCl	25 Kg/Month
10	Sorafenib Tosylate	25 Kg/Month
11	Lapatinib Detosylate Mono Hydrate	25 Kg/Month
12	Mrthptrexate	29.16 Kg/Month
13	Pilot Trials and Scale up Products	655 Kg/Month
Formulation		
14	Tablets	8000 Lacs Nos./Month
15	Capsules	300 Lacs Nos./Month
16	Vials	10 Lacs Nos./Month
17	Ampoules	40 Lacs Nos./Month
18	Ointment/Cream	1 Lacs Nos./Month

2. SPECIFIC CONDITIONS:

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

3. CONDITIONS UNDER THE WATER ACT:

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

✓

	Water Consumption	Waste water generation
Industrial	1015 KL/Day	445 KL/Day
Domestic	330 KL/Day	300 KL/Day

- 3.2 The quantity of the industrial effluent shall not exceed **445 KL/Day**.
- 3.3 The generated industrial effluent is treated in ETP followed by RO and after treatment RO permeate @ 370 KL/Day reused in cooling tower and steam boiler & RO reject @ 75 KL/Day waste water is sent to MEE & ATFD. Hence unit shall maintain Zero Liquid Discharge.
- 3.4 The quantity of the domestic effluent shall not exceed **300 KL/Day**.
- 3.5 The generated domestic waste water is treated in separate STP and treated wastewater is used for plantation/gardening within premises.
- 3.6 Sewage shall be treated in sewage treatment plant & after confirming to the following standards shall be used for plantation gardening.

SR No	Parameters	Permissible Limit
1	pH	6.5 to 9
2	BOD (5 days at 20° C)	<30mg/l
3	Total Suspended solids	<100mg/l
4	Fecal Coliform	<1000 MPN/100 ml

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

- 4.1. The following shall be used as fuel.

Sr. No.	Fuel	Total Quantity
1	Imported Coal/Agro Waste	55 MT/Day
2	HSD	2.75 KL/Day

- 4.2 The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.
- 4.3 The Flue gas emission through stack mentioned below shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	Steam Boiler-10 TPH	38	Multi-Cyclone followed by Bag Filter	Particulate Matter NO _x SO ₂	150 mg/NM ³ 100 ppm 50 ppm
2	Steam Boiler-3 TPH, 2 Nos.	35	Multi Cyclone		
3	D.G. Set-2 Nos. (Each 650 KVA)	11	Acoustic Enclosure		
4	D.G. Set-3 Nos. (Each 1010 KVA)	11	Acoustic Enclosure		
5	D.G. Set-2 Nos. (Each 1010 KVA)	11	Acoustic Enclosure		

- 4.4 The process emission through stack mentioned below shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	Process Vent 1 attached to condenser of reactors	13 m	Water Ventury Scrubber followed by a packed column caustic scrubber	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 40 mg/NM ³ 25 mg/NM ³

2	Process Vent 2 attached to condenser of reactors	13 m	Water Ventury Scrubber followed by a packed column caustic scrubber	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 40 mg/NM ³ 25 mg/NM ³
3	Solid/ Liquid Waste incinerator	30 m	Cooler followed by cyclone separator followed by Ventury Scrubber followed by packed bed Scrubber.		

- 4.5 Stack monitoring facility like port hole, platform/ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.
- 4.6 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder:

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

- 4.7 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.4.3, 4.4 & 4.6 above.
- 4.8 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emissions are not within the tolerance limits specified in the condition No. 4.3, 4.4 & 4.6 above.
- 4.9 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/displayed to facilitate identification.
- 4.10 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

5. GENERAL CONDITIONS: -

- 5.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 5.2 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.
- 5.3 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities.
- 5.4 The Environmental Management Cell/Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.
- 5.5 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.

- 5.6 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.

6 Authorization for the Management & Handling of Hazardous Wastes Form-2 (See rule (See rule 6 (2))

- 6.1 Form for grant authorization for occupier or operator handling hazardous waste.
- 6.2 M/s. Intas Pharmaceutical Limited is hereby granted an authorization to operate facility for following Hazardous wastes on the premises situated Plot No: 457,458, Sarlhej-Bavla Highway, Vill: Matoda-382210, Tal: Sanand, Dist: Ahmedabad.

Sr. No.	Waste	Quantity	Schedule	Facility
1	ETP Sludge (on dry basis)	350MT/Year	I-35.3	Collections, Storage, Transportation and Disposal by TSDF of Eco care.
2a	Residue & Waste	11.82MT/Year	I-28.1	Incineration at own in House incinerator
2b	Residue & Waste	167.85 MT/Year		Collections, Storage, Transportation and Disposal by TSDF of Eco care.
3	Date Expired/ off Specification Product (Liquid & Solid)	600 MT/Year	I-28.4	Collections, storage, Transportation, Disposal at CHWIF of SEPPL or Incineration at in house Own incinerator
4	Incinerator Ash	250 MT/Year	I-37.2	Collections, Storage, Transportation and Disposal by TSDF of Eco care.
5	Used Oil	10 MT/Year	I-5.2	Collections, Storage, Transportation and Disposal by MoEF/GPCB approved recycler or disposal in own in house incinerator
6	Discarded containers	28800 Nos./Year (115 MT/Year)	I-33.1	Collections, Storage, Transportation and Disposal by Selling to GPCB registered vendor
7	Spent Solvent	2220 MT/Year	I-28.6	Collections, Storage, Transportation and sell to GPCB authorized Solvent recovery unit for recovery of solvent

- 6.3 The authorization is granted to operate a facility for collection, storage, within factory premises, transportation and ultimate disposal of Hazardous wastes as above.
- 6.4 The authorization shall be in force for a period up to 31/12/2025.
- 6.5 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.

7 TERMS AND CONDITIONS OF AUTHORISATION:

- 7.1 The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.
- 7.2 The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- 7.3 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.
- 7.4 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.

- 7.5 It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- 7.6 An application for the renewal of an authorization shall be made as laid down in rule 6(1).
- 7.7 Industry shall have to manage waste oil; discarded containers etc as per Amended Rules-2016 and shall apply Authorization/submit details for all applicable waste as per Amended Rules-2016 with 15 days.
- 7.8 Industry shall submit annual report within 15 days and subsequently by 30th June every year.

8 GENERAL CONDITIONS:

- 8.1 The waste generator shall be totally responsible for (i.e. collection, storage, , transportation and ultimate disposal) of the wastes generated.
- 8.2 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.
- 8.3 In case of any accident, details of the same shall be submitted in Form - II to Gujarat Pollution Control Board.
- 8.4 As per "Public Liability Insurance Act - 91" company shall get Insurance Policy, if applicable.
- 8.5 Empty drums and containers of toxic and hazardous material shall be treated as per guideline published for "Management & Handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
- 8.6 In no case any kind of hazardous waste shall be imported without prior approval of appropriate authority.
- 8.7 In case of transport of hazardous wastes to a facility for (i.e. treatment, storage and disposal) existing in a State other than the State where hazardous wastes are generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board or Committee of the concerned State or Union territory Administration where the facility exists.
- 8.8 Unit shall take all concrete measures to show tangible results in waste generation, reduction, avoidance, reuse and recycle. Action taken in this regards shall be submitted within three months and also along with Form-4.
- 8.9 Industry shall have to display the relevant information with regard to hazardous waste, waste water & air pollutants as indicated in the Courts Order in W.P. No.657 of 1995-dated 14th October-2003.
- 8.10 Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous wastes generated within the factory premise.
- 8.11 If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property in that case they are obliged to pay the compensation as determined by the competent authority.

For and on behalf of
Gujarat Pollution Control Board


(G.V. Patel)
Senior Environment Engineer

NO.GPCB/CCA-ABD-GEN-3(7)/ID-11738/ 590454

Dt. 18/05/2021

Issued to:

To,
M/s. Intas Pharmaceutical Limited,
Plot No: 457,458,
Sarthej-Bavla Highway,
Vill: Matoda-382210,
Tal: Sanand, Dist: Ahmedabad.



**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/21-22/039

Date : 10-05-2021

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 30 AM
SAMPLING LOCATION	: In open space near old steam boiler.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	09 : 30 AM to 09 : 30 AM (05-05-'21) (06-05-'21)
2. Weight of PM _{2.5} collected	1.188 mg.
3. Volume of Air sampled	22.995 Cubic meter
4. PM _{2.5} concentration	51.66 µg / m³ GPCB Limit 60 µg/m³

(B) 24 hourly observation :

Time : 09 : 30 AM to 09 : 30 AM
(05-05-'21) (06-05-'21)

Volume of Air Sampled (cu. mt.)	0.24	GPCB Limit µg/m³
Sulphur Di-oxide (SO₂) (ug/m³)	9.56	80.00
Nitrogen Di-oxide (NO₂) (ug/m³)	17.23	80.00

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Report No. : AC/AIR/21-22/040

Date : 10-05-2021

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 30 AM
SAMPLING LOCATION	: In open space near old steam boiler.	

AMBIENT AIR QUALITY DATA

(A) <u>24 hourly observation</u> :	
1. Duration of sampling	09 : 30 AM to 09 : 30 AM (05-05-'21) (06-05-'21)
2. Weight of PM ₁₀ collected	2.085 mg.
3. Volume of Air sampled	23.055 Cubic meter
4. PM ₁₀ concentration	90.43 µg / m ³ GPCB Limit 100 µg/m ³

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



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

Report No. : AC/AIR/21-22/229

Date : 09-08-2021

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 40 AM
SAMPLING LOCATION	: In open space near old steam boiler.	

AMBIENT AIR QUALITY DATA

(A) 24 hourly observation :	
1. Duration of sampling	09 : 40 AM to 09 : 40 AM (04-08-'21) (05-08-'21)
2. Weight of PM _{2.5} collected	1.163 mg.
3. Volume of Air sampled	23.116 Cubic meter
4. PM _{2.5} concentration	50.31 µg / m³ GPCB Limit 60 µg/m³

(B) 24 hourly observation :

Time : 09 : 40 AM to 09 : 40 AM
(04-08-'21) (05-08-'21)

Volume of Air Sampled (cu. mt.)	0.24	GPCB Limit µg/m³
Sulphur Di-oxide (SO₂) (ug/m³)	10.80	80.00
Nitrogen Di-oxide (NO₂) (ug/m³)	14.90	80.00

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



AKSHAR
CONSULTANTS

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Report No. : AC/AIR/21-22/230

Date : 09-08-2021

AMBIENT AIR SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 09 : 40 AM
SAMPLING LOCATION	: In open space near old steam boiler.	

AMBIENT AIR QUALITY DATA

(A) <u>24 hourly observation</u> :	
1. Duration of sampling	09 : 40 AM to 09 : 40 AM (04-08-'21) (05-08-'21)
2. Weight of PM ₁₀ collected	2.065 mg.
3. Volume of Air sampled	22.985 Cubic meter
4. PM ₁₀ concentration	GPCB Limit 89.84 µg / m ³ 100 µg/m ³

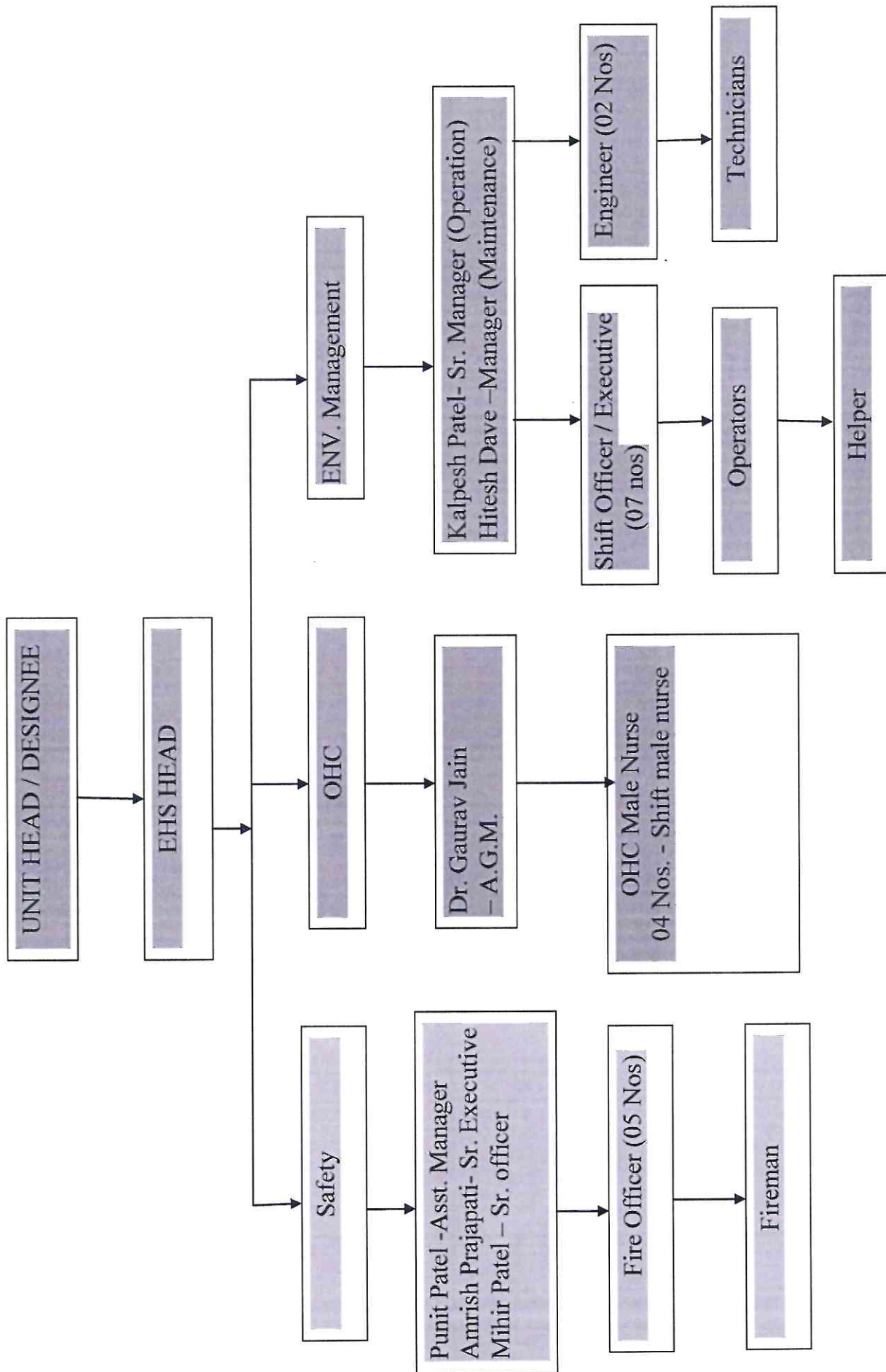
ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)

EHS Management Staff Organogram (Formulation & API)



FORM - V
(See Rule 14)

From:

Intas Pharmaceuticals Limited
Plot No. 457-458, Village. Matoda. Taluka: Sanand.
District: Ahmedabad

To,

Gujarat Pollution Control Board
Sector 10-A,
GANDHINAGAR 382 010

ENVIRONMENTAL STATEMENT for the financial year ending 31 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. 457-458, Village. Matoda. Taluka: Sanand.
District: Ahmedabad(ii) Industry Category - : Red / Large
Primary - (STC Code) : Not Available
Secondary - (STC Code)

(iii) Production capacity Units :

SR.NO.	PRODUCT	QUANTITY/MONTH
01	TABLET	8000 Lac nos.
02	CAPSULE	300 Lac nos.
03	AMPOUL	40 Lac. Nos
04	VIALS	10 Lac. Nos.
05	OINTMENT/CREAM	1 Lac. Nos.
06	GEMCITABINE HCL	100 Kg.
07	CAPCITABINE	1000 Kg.
08	IMITANIB MESYLATE	100 Kg.
09	DOCETEXAL	8.333 Kg.
10	PACLITAXEL	12.5 Kg.
11	CARBAZITAXEL	4.166 Kg.
12	DECITABINE	2.083 Kg.
13	AZACITADINE	8.333 Kg.
14	EARLOTINIB HCL	25 Kg.
15	SORAFENIB TOSYLATE	25 Kg.
16	LAPATINIB DETOSYLATE MONO HYDRATE	25 Kg.
17	METHOTREXATE	29.166 Kg.
18	PILOT TRIALS AND SCALE UP PRODUCTS	655 Kg.

(iv) Year of Establishment : 1997

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

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

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

PART – B

Water and Raw Material Consumption

- (1) Water Consumption m³/day :
- Process : 329 m³/day
- Cooling : 248 m³/day
- Domestic : 204 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	164 M3/Day	329 M ³ / Day
01	TABLET		
02	CAPSULE		
03	AMPOUL		
04	VIALS		
05	OINTMENT/CREAM		
06	GEMCITABINE		
07	CAPCITABINE		
08	IMITANIB MESYLATE		
09	DOCETEXAL		
10	PACLITAXEL		
11	CARBAZITAXEL		
12	DECITABINE		
13	AZACITADINE		
14	EARLOTINIB HCL		
15	SORAFENIB TOSYLATE		
16	LAPATINIB DETOSYLATE MONO HYDRATE		
17	METHOTREXATE		
18	PILOT TRIALS AND SCALE UP PRODUCTS		

(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
NH4-N	0.21 kg/Day	5 mg/l	No Deviation
(b) Air (Ambient)			
PM 2.5	49.98	60 mg/NM3	No Deviation
PM 10	88.61	100 mg/NM3	No Deviation
SO2	7.41	80 mg/NM3	No Deviation
NOx	14.74	80 mg/NM3	No Deviation
(C) Air (Boiler Stack)			
PM	126.63	150 mg/NM3	No Deviation

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
SO ₂	33.28	100 mg/l	No Deviation
NO _x	2.3	50 mg/l	No Deviation
(d) Air (Inc. Stack)			
PM	37.86	50 mg/NM ³	No Deviation
SO ₂	28.43	200 mg/NM ³	No Deviation
NO ₂	16.01	400 mg/NM ³	No Deviation
HCL	9.75	50 mg/NM ³	No Deviation
NH ₃	33.24	175 mg/NM ³	No Deviation
(e) DG Stack			
PM	48.86	150 mg/NM ³	No Deviation
SO ₂	14.81	100 mg/l	No Deviation
NO _x	2.64	50 mg/l	No Deviation
(f) Process Stack			
PM	NIL	150 mg/NM ³	No Deviation
SO ₂	9.95	40 mg/NM ³	No Deviation
NO _x	3.77	25 mg/NM ³	No Deviation

PART – D
HAZARDOUS WASTES

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

Hazardous Wastes	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial Year
(a) From Process		
(1) Process Residue	Approx. 13.400 MT	Approx. 12.661 MT
(2) Used Oil	Approx. 1.665 MT	Approx. 2.925 MT
(3) Discarded Container	Approx. 60.208MT	Approx. 75.168 MT
(4) Off. Specification Drugs(solid & liquid)	Approx. 11.767MT	Approx. 332.014 MT
(5) Spent Solvent	Approx. 181.464 MT	Approx. 162.870 MT
(b) From Pollution control Facilities		
(1)ETP Sludge	Approx. 324.550 MT (Wet Basis)	Approx. 182.53 MT (Wet Basis)
(2) Incinerator Ash	Approx. 168 MT	Approx. 130.27 MT

PART – E
Solid wastes

	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial Year
(a) From Process	13.4 MT	12.661 MT
(b) From Pollution control Board		
(1) ETP Sludge	Approx.324.550 MT (Wet Basis)	Approx182.530 MT (Wet Basis)
(2) Incinerator Ash	Approx. 168 MT	Approx. 130.27 MT
(c)		
(1) Quantity recycled or Re – Utilized within the Unit		
(2) Sold		162.870 MT Recovered Spent Solvent
(3) Disposed / Sold		75.168 MT Discarded Container

PART – F

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

- (1) ETP sludge is semi solid sludge
- (2) Incinerator Ash is Dry Powder
- (3) Process Residue is semi solid

PART – G

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

Cost of production increases due to pollution control measures.

PART - H

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

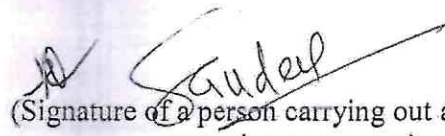
We have adopt latest PVA gel Technology in ETP & STP.

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

PART - I

Any other particulars for improving the quality of the environment.

Increasing plantation within company premises.


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

Name : Sandeep Shah

Designation : Sr. V.P. - Mfg.

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

Date : 10/05/21

Place : Matoda


**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/21-22/001

Date : 12-05-2021

 Intas Pharmaceuticals Ltd.,
 Plot No. 457, 458, Sarkhej – Bavla Highway,
 Vil. : Matoda – 382 210, Ta. : Sanand,
Dist. : Ahmedabad.
Sub. : Analysis report of your ETP sludge sample.

Source	:	Effluent Treatment Plant.
Date of Receipt	:	05-05-2021
Sample drawn by	:	Akshar Consultants.
Physical state	:	Dry sludge.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	7.32
02	Chemical Oxygen Demand (COD)	gms/kg	10.05
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	3.45
04	Chlorides	gms/kg	23.14
05	Sulphate	gms/kg	32.86
06	Total Inorganic Solids at 550 Deg. C	gms/kg	770.21
07	Total Dissolved Solids	gms/kg	95.08
08	Total Hardness (as CaCO ₃)	gms/kg	13.00
09	Calcium Hardness (as CaCO ₃)	gms/kg	7.50
10	Magnesium Hardness (as CaCO ₃)	gms/kg	5.50
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as CaCO ₃)	gms/kg	2.44

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Ref. No. AC/SOLID/21-22/002

Date : 12-05-2021

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

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

Source : Incinerator.
Date of Receipt : 05-05-2021
Sample drawn by : **Akshar Consultants.**
Physical state : Dry powder.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	8.32
02	Chemical Oxygen Demand (COD)	gms/kg	11.88
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	3.44
04	Chlorides	gms/kg	28.25
05	Sulphate	gms/kg	26.70
06	Total Inorganic Solids at 550 Deg. C	gms/kg	871.11
07	Total Dissolved Solids	gms/kg	109.33
08	Total Hardness (as CaCO ₃)	gms/kg	14.00
09	Calcium Hardness (as CaCO ₃)	gms/kg	8.00
10	Magnesium Hardness (as CaCO ₃)	gms/kg	6.00
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as CaCO ₃)	gms/kg	2.74

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Ref. No. AC/SOLID/21-22/010

Date : 11-08-2021

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

Sub. : Analysis report of your ETP sludge sample.

Source : Effluent Treatment Plant.
Date of Receipt : 04-08-2021
Sample drawn by : **Akshar Consultants.**
Physical state : Dry sludge.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	7.40
02	Chemical Oxygen Demand (COD)	gms/kg	11.20
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	3.71
04	Chlorides	gms/kg	24.80
05	Sulphate	gms/kg	34.15
06	Total Inorganic Solids at 550 Deg. C	gms/kg	777.25
07	Total Dissolved Solids	gms/kg	99.25
08	Total Hardness (as CaCO ₃)	gms/kg	14.00
09	Calcium Hardness (as CaCO ₃)	gms/kg	8.00
10	Magnesium Hardness (as CaCO ₃)	gms/kg	6.00
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as CaCO ₃)	gms/kg	2.52

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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

Ref. No. AC/SOLID/21-22/011

Date : 11-08-2021

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

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

Source : Incinerator.
Date of Receipt : 04-08-2021
Sample drawn by : Akshar Consultants.
Physical state : Dry powder.

Sr. No.	Characteristics	Unit	Results
01	pH (10 % Solution)	----	8.28
02	Chemical Oxygen Demand (COD)	gms/kg	10.92
03	Bio-chemical Oxygen Demand (BOD)	gms/kg	3.21
04	Chlorides	gms/kg	27.30
05	Sulphate	gms/kg	28.15
06	Total Inorganic Solids at 550 Deg. C	gms/kg	866.20
07	Total Dissolved Solids	gms/kg	106.35
08	Total Hardness (as CaCO_3)	gms/kg	13.50
09	Calcium Hardness (as CaCO_3)	gms/kg	7.50
10	Magnesium Hardness (as CaCO_3)	gms/kg	6.00
11	Oil & Oil Emulsions	gms/kg	N. D. *
12	Total Alkalinity (as CaCO_3)	gms/kg	2.91

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)


**AKSHAR
CONSULTANTS**

THE ENVIRONMENT MANAGEMENT PEOPLE

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Ref. No. AC/EFF/21-22/014

Date : 12-05-2021

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

Sub. : ANALYSIS REPORT OF YOUR TREATED EFFLUENT SAMPLE.

 Sample drawn by : Akshar Consultants.
 Sample collection date : 05-05-2021.

Sr. No.	Parameter	Result	GPCB Limit
01	pH	6.80	6.5 – 8.5
02	Temperature (Deg. C)	31.00	40.00
03	Colour (Pt-Co unit)	10.00	100.00
04	Total Suspended Solids	Nil	100.00
05	Oil & Grease	Nil	10.00
06	Sulphides	Nil	2.00
07	Ammonical Nitrogen	2.00	50.00
08	Total Chromium	N. D. *	2.00
09	Hexavalent Chromium	N. D. *	0.10
10	Copper	N. D. *	3.00
11	Lead	N. D. *	0.10
12	Mercury	N. D. *	0.01
13	Nickel	N. D. *	3.00
14	Zinc	N. D. *	5.00
15	COD	32.00	100.00
16	BOD	8.00	30.00
17	Chlorides	29.00	600.00
18	Sulphates	30.00	1000.00
19	Total Dissolved Solids	135.00	2100.00
20	Sodium Absorption Ratio	5.22	26.00
21	Arsenic	N. D. *	0.20
22	Cadmium	N. D. *	2.00
23	Insecticide / Pesticide	Absent	Absent
24	Bio – assay Test	90 % survival of fish after 96 hrs. in 100 % effluent	90 % survival of fish after 96 hrs. in 100 % effluent

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

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)



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Ref. No. AC/EFF/21-22/062

Date : 11-08-2021

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

Sub. : ANALYSIS REPORT OF YOUR TREATED EFFLUENT SAMPLE.

Sample drawn by : Akshar Consultants.
Sample collection date : 04-08-2021.

Sr. No.	Parameter	Result	GPCB Limit
01	pH	6.83	6.5 – 8.5
02	Temperature (Deg. C)	30.00	40.00
03	Colour (Pt-Co unit)	10.00	100.00
04	Total Suspended Solids	Nil	100.00
05	Oil & Grease	Nil	10.00
06	Sulphides	Nil	2.00
07	Ammonical Nitrogen	2.50	50.00
08	Total Chromium	N. D. *	2.00
09	Hexavalent Chromium	N. D. *	0.10
10	Copper	N. D. *	3.00
11	Lead	N. D. *	0.10
12	Mercury	N. D. *	0.01
13	Nickel	N. D. *	3.00
14	Zinc	N. D. *	5.00
15	COD	12.00	100.00
16	BOD	4.00	30.00
17	Chlorides	20.00	600.00
18	Sulphates	13.00	1000.00
19	Total Dissolved Solids	94.00	2100.00
20	Sodium Absorption Ratio	5.10	26.00
21	Arsenic	N. D. *	0.20
22	Cadmium	N. D. *	2.00
23	Insecticide / Pesticide	Absent	Absent
24	Bio – assay Test	90 % survival of fish after 96 hrs. in 100 % effluent	90 % survival of fish after 96 hrs. in 100 % effluent

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

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

ANALYSED BY,

(Analyst)

For AKSHAR CONSULTANTS,

(Authorised Signatory)

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Report No. : AC/AIR/21-22/028

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210, Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 25 AM
SAMPLING LOCATION	: Stack attached to Liquid / Solid Waste Incinerator.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	89.00
Stack gas velocity (m./sec.)	9.98
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.42
Wt. of PM collected (mg.)	16.89

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION mg/Nm ³	GPCB Limit
Particulate matter (PM)	40.21	50 mg/Nm ³
Sulphur Di-oxide (SO ₂)	19.55	200 mg/Nm ³
Nitrogen Di-oxide (NO ₂)	12.85	400 mg/Nm ³
Hydrochloric Acid (HCl)	8.25	50 mg/Nm ³
Ammonia (NH ₃)	30.88	175 mg/Nm ³

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



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Report No. : AC/AIR/21-22/218

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 10 : 20 AM
SAMPLING LOCATION	: Stack attached to Liquid / Solid Waste Incinerator.	FUEL USED : HSD. STACK HEIGHT : 30 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	96.00
Stack gas velocity (m./sec.)	11.04
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.45
Wt. of PM collected (mg.)	18.88

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER		CONCENTRATION	GPCB Limit
		mg/Nm ³	
Particulate matter	(PM)	41.95	50 mg/Nm ³
Sulphur Di-oxide	(SO ₂)	17.11	200 mg/Nm ³
Nitrogen Di-oxide	(NO ₂)	11.40	400 mg/Nm ³
Hydrochloric Acid	(HCl)	9.30	50 mg/Nm ³
Ammonia	(NH ₃)	31.60	175 mg/Nm ³

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



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Report No. : AC/AIR/21-22/032

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda - 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 40 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 1.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	149.00
Stack gas velocity (m./sec.)	6.22
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.45
Wt. of PM collected (mg.)	26.07

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	57.93	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		17.45	100 ppm
Nitrogen Di-oxide (NO ₂)		2.58	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)



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Report No. : AC/AIR/21-22/033

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 02 : 25 PM
SAMPLING LOCATION	: Stack attached to 650 KVA DG set no. 1.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	163.00
Stack gas velocity (m./sec.)	6.05
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.48
Wt. of PM collected (mg.)	26.37

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	54.94	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		14.60	100 ppm
Nitrogen Di-oxide (NO ₂)		2.70	50 ppm

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

ANALYSED BY,

(Analyst)

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Report No. : AC/AIR/21-22/034

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 03 : 05 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 2.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	162.00
Stack gas velocity (m./sec.)	5.98
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.50
Wt. of PM collected (mg.)	24.47

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	48.94	---	150 mg/Nm³
Sulphur Di-oxide (SO₂)		14.95	100 ppm
Nitrogen Di-oxide (NO₂)		2.90	50 ppm

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

ANALYSED BY,

(Analyst)

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Report No. : AC/AIR/21-22/035

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210, Ta. Sanand, Dist. : Ahmedabad.	TIME : 03 : 45 PM
SAMPLING LOCATION	: Stack attached to 650 KVA DG set no. 2.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	165.00
Stack gas velocity (m./sec.)	6.82
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.54
Wt. of PM collected (mg.)	30.13

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	55.79	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		15.65	100 ppm
Nitrogen Di-oxide (NO ₂)		2.65	50 ppm

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

ANALYSED BY,

(Analyst)

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Report No. : AC/AIR/21-22/036

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 04 : 25 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 3.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	170.00
Stack gas velocity (m./sec.)	5.96
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.50
Wt. of PM collected (mg.)	29.72

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	59.44	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		19.25	100 ppm
Nitrogen Di-oxide (NO ₂)		2.45	50 ppm

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

ANALYSED BY,

(Analyst)

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Report No. : AC/AIR/21-22/037

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 05 : 05 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 4.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	168.00
Stack gas velocity (m./sec.)	5.88
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.55
Wt. of PM collected (mg.)	31.32

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	56.95	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		16.20	100 ppm
Nitrogen Di-oxide (NO ₂)		2.41	50 ppm

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

ANALYSED BY,

(Analyst)

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Report No. : AC/AIR/21-22/038

Date : 10-05-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 05-05-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 05 : 45 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 5.	FUEL USED : HSD.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	170.00
Stack gas velocity (m./sec.)	5.90
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.58
Wt. of PM collected (mg.)	33.83

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	58.33	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		17.25	100 ppm
Nitrogen Di-oxide (NO ₂)		2.90	50 ppm

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

ANALYSED BY,

AP

(Analyst)

FOR AKSHAR CONSULTANTS,

D. J. Parekh

(Authorised Signatory)

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Report No. : AC/AIR/21-22/222

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 01 : 15 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 1.	FUEL USED : HSD.
		STACK HEIGHT : 11 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	140.00
Stack gas velocity (m./sec.)	6.10
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.40
Wt. of PM collected (mg.)	20.84

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	52. 10	---	150 mg/Nm³
Sulphur Di-oxide (SO₂)		16. 80	100 ppm
Nitrogen Di-oxide (NO₂)		2. 51	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

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Report No. : AC/AIR/21-22/223

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 02 : 30 PM
SAMPLING LOCATION	: Stack attached to 650 KVA DG set no. 1.	FUEL USED : HSD.
		STACK HEIGHT : 11 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	160.00
Stack gas velocity (m./sec.)	5.90
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.42
Wt. of PM collected (mg.)	22.24

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	52.95	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		16.25	100 ppm
Nitrogen Di-oxide (NO ₂)		3.12	50 ppm

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

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

(Authorised Signatory)

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THE ENVIRONMENT MANAGEMENT PEOPLE

1103 to 1106, 11th Floor, Sheth Corporate Tower, Nr. Nagri Hospital, Gujarat College Road, Ellisbridge,
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Report No. : AC/AIR/21-22/224

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 03 : 15 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 2.	FUEL USED : HSD. STACK HEIGHT : 11 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	166.00
Stack gas velocity (m./sec.)	6.05
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.60
Wt. of PM collected (mg.)	34.14

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	56. 90	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		15. 80	100 ppm
Nitrogen Di-oxide (NO ₂)		3. 05	50 ppm

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

ANALYSED BY,

(Analyst)

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Report No. : AC/AIR/21-22/225

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 03 : 55 PM
SAMPLING LOCATION	: Stack attached to 650 KVA DG set no. 2.	FUEL USED : HSD.
		STACK HEIGHT : 11 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	161.00
Stack gas velocity (m./sec.)	6.80
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.60
Wt. of PM collected (mg.)	35.00

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	58.33	---	150 mg/Nm³
Sulphur Di-oxide (SO₂)		13.80	100 ppm
Nitrogen Di-oxide (NO₂)		2.80	50 ppm

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

ANALYSED BY,

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Report No. : AC/AIR/21-22/226

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 04 : 35 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 3.	FUEL USED : HSD.
		STACK HEIGHT : 11 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	165.00
Stack gas velocity (m./sec.)	5.88
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.45
Wt. of PM collected (mg.)	24.45

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	54.33	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		16.80	100 ppm
Nitrogen Di-oxide (NO ₂)		2.55	50 ppm

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

ANALYSED BY,

(Analyst)

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Report No. : AC/AIR/21-22/227

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 05 : 15 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 4.	FUEL USED : HSD.
		STACK HEIGHT : 11 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	163.00
Stack gas velocity (m./sec.)	5.72
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.40
Wt. of PM collected (mg.)	23.33

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	58.33	---	150 mg/Nm³
Sulphur Di-oxide (SO₂)		15.10	100 ppm
Nitrogen Di-oxide (NO₂)		2.36	50 ppm

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

ANALYSED BY,

(Analyst)

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Report No. : AC/AIR/21-22/228

Date : 09-08-2021

STACK SAMPLING ANALYSIS REPORT

UNIT	: Intas Pharmaceuticals Ltd.	Sampling Date : 04-08-2021
SITE	: Plot No. 457, 458, Sarkhej-Bavla Highway, Vil. : Matoda – 382 210. Ta. Sanand, Dist. : Ahmedabad.	TIME : 05 : 50 PM
SAMPLING LOCATION	: Stack attached to 1010 KVA DG set no. 5.	FUEL USED : HSD.
		STACK HEIGHT : 11 Mtr.

DUST CONCENTRATION (PM) DATA

Stack /Flue gas temperature (Deg. C)	162.00
Stack gas velocity (m./sec.)	5.95
Sampling duration (min.)	30.00
Vacuum gauge reading (mm. of Hg.)	10.00
Volume of gas sampled at NTP conditions (cu. m.)	0.50
Wt. of PM collected (mg.)	29.66

GAS CONCENTRATION DATA

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

RESULTS

PARAMETER	CONCENTRATION		GPCB Limit
	mg/Nm ³	ppm	
Particulate matter (PM)	59.32	---	150 mg/Nm ³
Sulphur Di-oxide (SO ₂)		16.70	100 ppm
Nitrogen Di-oxide (NO ₂)		2.50	50 ppm

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

ANALYSED BY,

(Analyst)

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Report No. : AC/AIR/21-22/041

Date : 10-05-2021

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	5/5/2021	66.26	7.75	8.55	60.00
2	First floor of Manufacturing plant	5/5/2021	64.04	7.66	8.36	60.00
3	Second floor of Manufacturing plant	5/5/2021	60.37	7.50	8.05	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	5/5/2021	BDL	---
2	First floor of Manufacturing plant	5/5/2021	BDL	BDL
3	Second floor of Manufacturing plant	5/5/2021	BDL	---

BDL : Below Detectable Limit.

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

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Report No. : AC/AIR/21-22/231

Date : 09-08-2021

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	4/8/2021	66.19	7.88	8.40	60.00
2	First floor of Manufacturing plant	4/8/2021	67.73	7.95	8.52	60.00
3	Second floor of Manufacturing plant	4/8/2021	65.83	7.80	8.44	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	4/8/2021	BDL	---
2	First floor of Manufacturing plant	4/8/2021	BDL	BDL
3	Second floor of Manufacturing plant	4/8/2021	BDL	---

BDL : Below Detectable Limit.

ANALYSED BY,

(Analyst)

FOR AKSHAR CONSULTANTS,

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