Date:01/12/2021

To,
The Chief Conservator of Forests (Central)
Ministry of Environment, Forest and Climate Change,
Regional Office (WZ), Kendriya Pryavaran Bhawan,
E-5 Area Colony, Link Road-3, Ravishankar Nagar,
Bhopal- 462 016, Madhya Pradesh.

Subject: Submission of Environment Clearance Compliance report for the period of June 2021 to November 2021.

Ref: EC granted vide no. J-11011/353/2010-IA II(J) dated 18-01-2013 for our Bulk Drug Manufacturing unit at Village Ranu, Tehsil Padra, Dist. Vadodara.

Dear Sir,

This has reference to the above cited subject regarding submission of six monthly EC compliance report. Please find enclosed herewith six monthly Environment Clearance Compliance Report for the period of June 2021 to November 2021 for your kind reference. Soft copy of the compliance report will be mailed at rowz.bpl-moef@nic.in, westzonecpcb@yahoo.com, ec-rdw.cpcb@gov.in & ms-gpcb@gujarat.gov.in.

Hope the above submission is in line with your requirement. Kindly acknowledge the receipt of same.

Thanking You,

Yours Faithfully,
IPCA Laboratories Ltd, Ranu

(Authorized Signatory)

IPCA LABORATORIES LTD. RANU

Enclosure: Six Monthly Environment Clearance Compliance Report of June 2021 to November 2021.

Copy to:
Member Secretary, GPCB, Paryavaran Bhawan, Sector- 10A, Gandhinagar- 382010, Gujarat
Regional Office,GPCB Vadodara, Gujarat

Ipca Laboratories Ltd.
www.ipca.com
Block No. 132, Village Ranu, Taluka Padra, Vadodara 391 445 (Gujarat), India | T: +91 70690 99681 / 82 / 83 / 84
Regd. Office: 48, Kandivli Industrial Estate, Kandivli (West), Mumbai 400 067 (Maharashtra), India | T: +91 22 6647 4444
E: ipca@ipca.com CIN: L24239MH1949PLC007837

Environment Clearance Compliance Report

(Jun'21 to Nov'21)

OF

IPCA Laboratories Ltd

Block No 132,
Village Ranu,
Tal. Padra , Dist. Vadodara-391445

EC Compliance Report
(Jun 2021 - Nov 2021)

<table>
<tr><th>Sr. No.</th><th>EC Condition</th><th>Compliance status</th></tr>
<tr><td>1.</td><td>The ministry of Environment and Forests has examined the application. It is noted that the proposal is for setting up of bulk drugs manufacturing unit (2539.43 MTPA) at Sr. No. 99-101, 115, 119, 120, 121, 123,124, 126, 127, 130, 136,1160, 112, 117, 118, 1146, 138/A,122, 131, 100, 113, 114, 116, 128, 129, 132, Village Ranu, Tehsil Padra, District Vadodara, Gujarat by M/s. IPCA Laboratories Limited. It is also noted that GPCB vide letter no. GPCB/CTE-VRD-3311/GPCB-ID-30549/107788 dated 20th March, 2012 recommended the project proposal with zero effluent discharge condition. Total plot area is 59.06 acres. Total project cost is Rs. 303.55 Cr. No national park/wildlife sanctuary/reserve forest area located within 10 Km. Following products will be manufactured:
<table>
<tr><th>Sr. No.</th><th>Products</th><th>Quantity (MTPA)</th></tr>
<tr><td>1.</td><td>Extraction of Artemisinin</td><td>6</td></tr>
<tr><td>2.</td><td>Arte Range Products</td><td>50</td></tr>
<tr><td>3.</td><td>Frusemide-DMF</td><td>240</td></tr>
<tr><td>4.</td><td>Losartan Potassium</td><td>120</td></tr>
<tr><td>5.</td><td>Aliopurinol</td><td>120</td></tr>
<tr><td>6.</td><td>Ramipril</td><td>30</td></tr>
<tr><td>7.</td><td>Lisinopril</td><td>20</td></tr>
<tr><td>8.</td><td>4,7 DCQ</td><td>600</td></tr>
<tr><td>9.</td><td>Amodiaquine HCl/Base</td><td>240</td></tr>
<tr><td>10.</td><td>Chloroquine Phosphate</td><td>800</td></tr>
<tr><td>11.</td><td>Quetiapine Hemifumarate</td><td>100</td></tr>
<tr><td>12.</td><td>Gabapentene</td><td>100</td></tr>
<tr><td>13.</td><td>Mesalamine</td><td>100</td></tr>
<tr><td>14.</td><td>Mycophenolic Acid</td><td>12.75</td></tr>
<tr><td>15.</td><td>Rapamycin/ Sirolimus</td><td>0.18</td></tr>
</table>
</td><td>Complied.
The total production for the report period is 157.80 MT.
Summary of production details for report period is attached as Annexure 1.</td></tr>
</table>

	Treated effluent will be recycled/reused within factory premises. No effluent will be discharged outside the factory premises and zero discharge concept will be adopted. ETP sludge including salt from MEE will be sent to treatment storage disposal facilities(TSDF) for hazardous waste. High calorific organic waste will be sent to cement kiln/common incineration facility. Used oil and spent catalyst will be sold to registered recyclers/re-processor.	**Complied.** Treated effluent is recycled/reused into Cooling Tower makeup. **Complied.** No effluent is discharged outside the factory premises and zero liquid discharge is maintained by recycle/reuse of treated effluent. **Complied.** ETP sludge & MEE Salt is disposed at BEIL, Dahej-Bharuch. BEIL membership certificate is attached as **Annexure -5**. **Complied.** High calorific organic waste i.e.Process/ distillation residue, spent carbon, distillation residue from contaminated organic solvent is sent to Cement industries for Co-processing. Agreement with Ultratech Cement ,RSPL & GEEPIL is attached as **Annexure 6**. **Complied.** No oil is disposed off during report period.
4.0	Public hearing was conducted on 24th June, 2011.	---
5.0	All synthetic organic chemical industries (bulk drugs & intermediates) located outside the notified industrial estate/area are listed at S.N.(f) under category 'A' and appraisal at Central Level.	---
6.0	The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 15th , 28th and 35th meetings held during 22nd- 23rd October, 2011 and 11th-12th May ,2012 respectively. The Committee recommended the proposal for environmental clearance.	---
7.0	Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General Conditions.	---

	be sent to the Regional office of MoEF, the respective Zonal office of CPCB and Gujarat Pollution Control Board (GPCB). On line VOC analyzer shall be installed for monitoring of VOCs in the ambient air.	**Complied.** VOC monitoring device is installed. Photograph of online VOC monitoring device is attached as **Annexure 10**.
V)	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided.	**Complied.** The entire process is in closed condition and hence, there is no possibility of fugitive emission in plant area. However, Fugitive emission is also controlled by a)provision of exhaust ventilation b) routine & periodic inspection to check leakage c) following of SOP for maintenance d)installation of pumps of mechanical seal type e) following up of LDAR programme.
	Fugitive emissions shall be controlled by providing closed storage, close handling & conveyance of chemicals, materials, multicyclone separator and water sprinkler system.	**Complied.** Fugitive emission is controlled by suitable dust extraction system and collector in plant area.
	Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions.	**Complied.** Raw materials are receiving in closed containers and hence there is no dust emission at loading/Unloading area's of Warehouses.The boiler capacity is 3 TPH and hence ash generation is less. At Boiler Area, dust is suppressed by manual sprinkling of water.
	Fugitive emissions in the work zone environment, product, raw materials storage area etc. Shall be regularly monitored. The emissions shall confirm to the limits stipulated by the GPCB.	**Complied.** The manufacturing process is in closed condition and hence, there is no fugitive emission in plant. However, Fugitive emission in the work zone environment, raw material storage area is regularly monitored and reported in From No. 37. The copy of From no 37 of Gujarat Factories Rules 1963 is attached as **Annexure 11**.
vi)	For further control of fugitive emissions, following steps shall be followed	---
	a. Closed handling system shall be provided for chemicals	**Complied.** The closed handling system for chemicals i.e. storage

	through stripper followed by MEE and agitated thin film drier (ATFD). Condensate from MEE shall be passed through stripper to ensure complete removal of solvent. Low TDS effluent stream shall be treated in ETP and then passed through RO system.	through stripper followed by Multiple Effect Evaporator (MEE) and Agitated thin film drier(ATFD). Low COD/TDS effluent stream is treated in effluent treatment plant (ETP) followed by reverse osmosis (RO). Effluent treatment diagram showing mode of treatment of Low COD/TDS and High COD/TDS with multiple effect evaporator (MEE) and agitated thin film drier (ATFD) is attached as **Annexure 4**.
	Treated water shall be recycled/reused within factory premises.	**Complied.**Treated water is recycled/reused into cooling tower make up.
xi)	Process effluent/any wastewater shall not be allowed to mix with storm water.	**Complied.** Storm water drain constructed and it is ensured that waste water is not mixing with effluent.
	Storm water drain shall be passed through guard pond.	**Complied.** Storm Water drain is passed through a guard pond of adequate capacity.
xii)	Hazardous chemicals shall be stored in tanks farms, drums, carboys etc.	**Complied.** Hazardous chemicals are stored in tank farms, drums, carboys at dedicated place.
	Flame arresters shall be provided on tank farm.	**Complied.** Flame arresters are provided tank farm. Photograph for the same is attached as **Annexure 15.**
	Solvent transfer shall be by pumps.	**Complied.** Solvent transfer is by pumps
xiii)	All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	**Complied**. Vent condensers with chilled brine circulation for low boiler solvent storage tank provided and others are protected by providing suitable breather valves.
xiv)	ETP sludge including salt from MEE shall be sent to treatment storage disposal facilities (TSDF) for hazardous waste.	**Complied.** ETP sludge and MEE salt is sent to TSDF site for disposal.ETP Sludge & MEE Salt disposal summary of report period is attached in **Annexure 16.**
	Process waste residue and date expired/off specification product shall be sent for common incineration facility.	**Complied.** Process waste residue is sent to co- processing unit for incineration. Process Waste residue

xvii)	Entire plant where solvents are used shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.	**Complied.** Solvent handling area is provided with flameproof electrical installations i.e motors, pumps, bonding between the flange joints, flame proof electrical panels, lighting fixtures and equipment & pipelines with adequate earthing. **Complied.** Solvent storage tanks shall be provided with breather valve to prevent losses. The photograph of the same is attached as **Annexure 13**.
xviii)	The company shall undertake following waste minimize waste	---
	a. Metering and control of quantities of active ingredients to minimize waste.	**Complied.** Batch wise quantity is closely monitored as per Batch Production Control Record.
	b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	**Complied.** We are not generating any byproducts. However, Solvents are recovered and reused.
	c. Use of automated filling to minimize spillage	**Complied.** Material is being handled into the closed system through pipeline and filling through semi-automated methods.
	d. Use of Close Feed system into batch reactors	**Complied.** Material is feed into the reactors through the closed system i.e pipelines.
	e. Venting equipment through vapor recovery system.	**Complied.** Equipment are vented through vapor column followed by primary and secondary condensers for vapor condensation and recovery.
	f. Use of high pressure hoses for equipment cleaning to reduce waste water generation.	**Complied.** Equipment are cleaned with high pressure hoses.
xix)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process and in material handling. Fire fighting system shall be as per the norms.	**Complied.** Adequate fire protection system through fire hydrant, fire extinguisher, sprinkler, MCP, smoke/heat detector etc are provided.

	on 24th June, 2011 should be satisfactorily implemented and adequate budget provision should be made accordingly.	held on 24th June, 2011 are implemented. The public hearing/ public consultation meeting comments compliance is attached as **Annexure 26**.
xxiv)	The company shall comply with the recommendations made in the EIA/EMP/Risk Assessment report. Risk assessment shall be included in the safety manual.	**Complied.** The recommendations of EIA/EMP/Risk Assessment report are complied.
xxv)	Hon'ble Supreme Court's order and conditions stipulated has to be complied with.	**Being Complied**.
xxvi)	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, mobile sewage treatment plant, safe drinking water, medical health care, creche 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 environmental.	**Noted.** At present there is no project activity is being carried out at site. Whenever, we will start any project activity, we will hire labours from the local area.
B.	**GENERAL CONDITIONS:**	
ii)	No further expansion 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 of Conditions imposed and to add additional environmental protection measures required, if any.	**Noted**. There is no further expansion or modification is on going. In case of expansion or modification prior permission will be taken from the Ministry of Environment and Forests.
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	**Complied.** Ambient Air Monitoring Stations are installed with consultation of State Pollution Control Board, considering the upwind and downwind directions. The photograph of the ambient air monitoring station is attached as **Annexure 8**.

	implemented.	
ix)	The company shall undertake eco-developmental measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	**Complied.** Company has invested Rs. 2.76 Lacs for year 20-21 in CSR activity.
x)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	**Complied.** IPCA distributed books named " Guidebook building climate Smart Farmers- Guidebook for doubling income of farmers in Arena of Climate Change", published by National Council for Climate Change, Sustainable Development and Public Leadership, in near by villages as part of CSR activities. Apart proposals for ecological development around the project site is under review.
xi)	A separate Environmental Management cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	**Complied.** We have separate Environment Management Cell equipped with full fledged laboratory facility is developed. A environment management cell is prepared about 12 persons, responsible towards EHS management system. Organogram is attached as **Annexure 30**
xii)	As proposed, the company shall embark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	**Complied.** Till date, we have incurred Rs. 1312.02 Lacs towards capital investment for Environment, Health & Safety Protection Measures. The recurring cost for the operation and maintenance of the Environment, Health & Safety Protection Measures is approx. Rs. 366.88 Lacs. The company has separate funds for Environment Management/Pollution Control Measures.
xiii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local body and the	**Complied.** No suggestion/representation were received during processing of the proposal.

	date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	71713, 06/04/2015 Date of start of the project: 06/04/2015
8.0	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	**Noted**
9.0	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	**Noted**
10.0	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act , 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous Waste (Management, Handling and Transboundry Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	**Noted**
	EC Amendment Conditions	
1.	Cutting of tress shall be avoided during construction activity	**Noted.** At present no construction is going on. In future expansion there will be no cutting of trees during construction activity.
2.	Conditions mentioned in NOC issued by CGWA shall be satisfactorily implemented.	**Complied.** CGWA NOC conditions are complied. Last compliance report sent on November 2020.The Compliance Report is attached as **Annexure 33**.
3.	Underground Tank of capacity 5 lac liter shall be constructed to store the collected rain water from the roof tops and reduce the fresh water demand accordingly.	**Complied.** Underground Storage Tank of 300 KLD capacity is constructed. During monsoon water will be collected and used to reduce the Fresh Water requirement.
4.	One lack tress shall be planted inside the plant/ vicinity.	**Will be complied.**

---------- **End of Report** ----------

LIST OF ANNEXURE

Sr. No.	Annexure
Annexure 1	Production Summary of Report Period
Annexure 2	Water Consumption Summary of Report Period
Annexure 3	Effluent Generation Summary of Report Period
Annexure 4	Effluent Treatment Scheme
Annexure 5	BEIL Membership Letter
Annexure 6	Agreement of High Calorific Value waste disposal
Annexure 7	Process Emission Summary of Report Period
Annexure 7a	Process Emission Monitoring Reports
Annexure 8	Ambient Air Monitoring device display photograph
Annexure 9	Ambient Air Monitoring Summary of Report Period
Annexure 9a	Ambient Air Monitoring Reports
Annexure 10	Photograph of Online VOC Monitoring Device
Annexure 11	Form No. 37 Work Place Monitoring
Annexure 12	List of Flameproof Enclosures
Annexure 13	Breather Valves in Storage Tanks
Annexure 14	CGWA- NOC letter
Annexure 15	Photograph of Flame Arrester
Annexure 16	ETP Sludge & MEE Salt disposal summary of Report Period
Annexure 17	Process Wastes, date expired/ off specification products disposal summary
Annexure 18	High Calorific Value Sludge disposal summary of Report Period
Annexure 19	Hazardous Waste Management Authorisation Letter CCA -AWH 71713
Annexure 20	List of Fire Extinguishers
Annexure 21	Mock Drill Report
Annexure 22	Routine Medical Examination Report
Annexure 23	Chemical Handling Training Records

Annexure 1 Product List

Sr. No.	Product	Existing Capacity (MTY)	Existing Capacity (MTPM)	Total Capacity after change in product Mix (MTY)
1.	Extraction of Artemisinin	6	0.5	1.18
2.	Arte Range Products	50	4.2	0.40
3.	Frusemide-DMF	240	4.2	0.40
4.	Losartan Potassium	120	10.0	480
5.	Aliopurinol	120	10.0	0.1
6.	Ramipril	30	2.5	0.1
7.	Lisinopril	20	1.7	0.5
8.	4,7 DCQ	600	50.0	0.5
9.	Amodiaquine HCl/Base	240	20.0	0.5
10.	Chloroquine Phosphate	800	66.7	0.5
11.	Quetiapine Hemifumarate	100	8.3	2.0
12.	Gabapentene	100	8.3	0.5
13.	Mesalamine	100	8.3	0.5
14.	Mycophenolic Acid	12.75	1.1	0.1
15.	Rapamycin/ Sirolimus	0.18	0.0	0.01
16.	Serratiopeptidase	24	2.0	0.1
17.	Tacrolimus	0.3	0.0	0.01
18.	Tramadol	100	8.3	0.1
19.	Febuxastat	20	1.7	0.1
20.	R&D Products	1.2	0.1	1.2
21.	Valsartan OR N-1 (2’ cyanobiphenyl-4yl)Methyl]-(L)- Valinemethyl Ester Hydrochloride	---	---	100
22.	Phathalazinone	---	---	0.5
23.	Recemic Cyanodiol	---	---	0.4
24.	Silodosin	---	---	0.1
25.	Donepezil	---	---	0.2
26.	Telmisartan	---	---	6.0
27.	Omeprazole	---	---	0.5
28.	Esomaprazole	---	---	0.5
29.	Etodolac	---	---	1.5
30.	Sodium Valporate	---	---	1.5
	Total	**2684.4**	**223.7**	**600**

Annexure 2

Water Consumption Summary of Report Period

(June'21 to Nov'21)

Water Consumption Details	June' 21	July' 21	Aug' 21	Sept' 21	Oct'21	Nov'21
KL/M	3710	5010	5163	3736	3238	4308
KL/D	123.67	161.61	166.55	124.53	104.45	143.60

Note :- Source of information is Monthly Patrak

Annexure 3

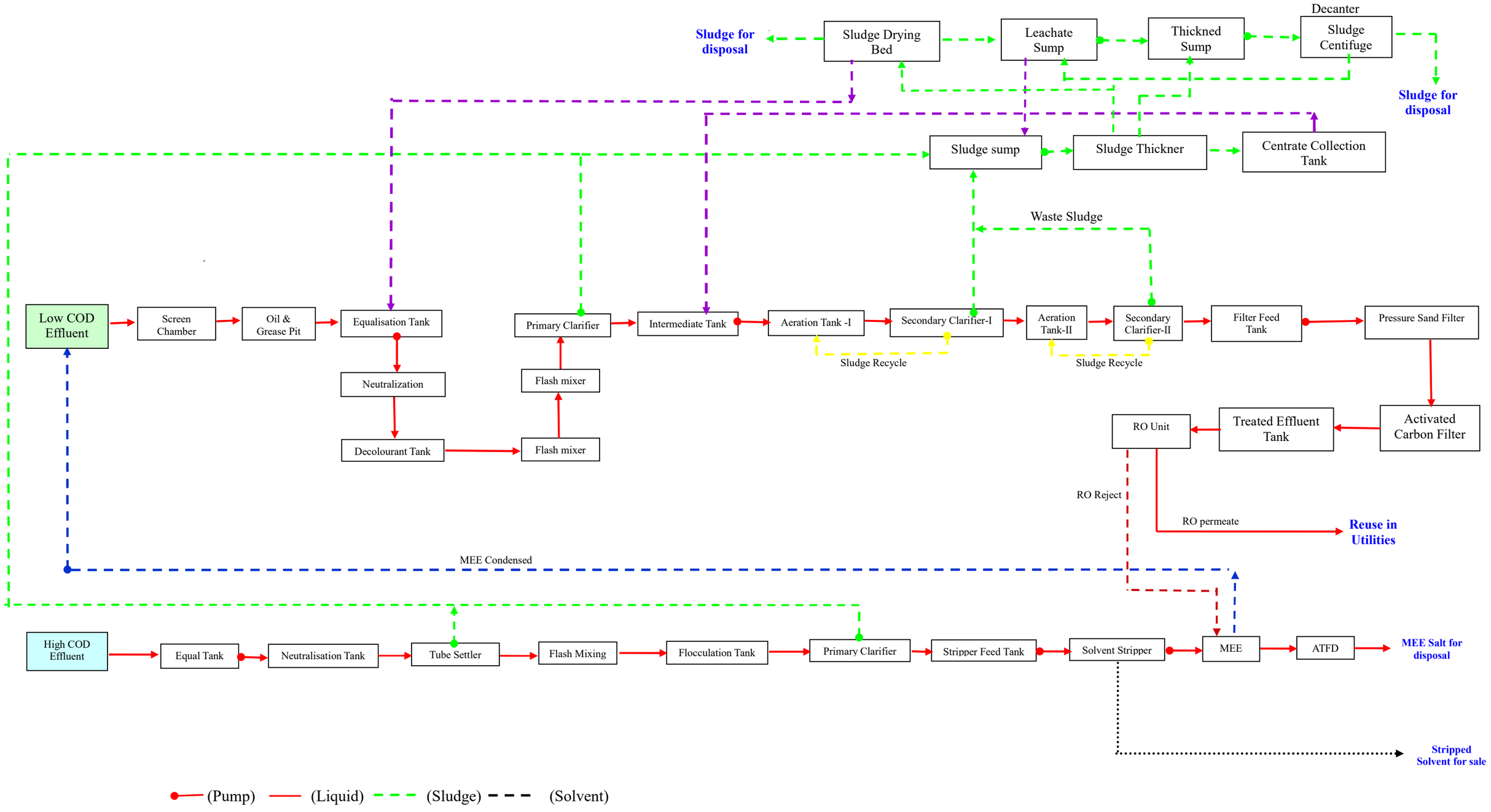
Effluent generation Summary of Report Period

(June' 21 to Nov'21)

Industrial Effluent Generation	June' 21	July' 21	Aug' 21	Sept' 21	Oct'21	Nov'21
KL/M	2899	2904	2965	2579	1223	2060

Domestic Effluent Generation	June' 21	July' 21	Aug' 21	Sept' 21	Oct'21	Nov'21
KL/M	132	846	441	343	354	225
KLD	4.40	28.20	14.22	11.43	11.41	7.5

Annexure 4 Effluent Treatment Scheme



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

REF: BEIL/ANK/2017

16th August, 2017

To,
IPCA Laboratories Ltd.
Plot No.131/1, 134, 135, 136,
Village: Ranu,
Taluka: Padra,
Dist: Vadodara – 391 445.

Sub : Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member of the common Solid/Hazardous Waste Disposal Facility developed by Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar and Dahej. You have booked solid waste quantity **600 MT/ Year** (Original Booked Quantity **200 MT** + Increased Quantity **400 MT**). Your Membership No. is **Oth/449.**

Thanking you,

Yours faithfully,
For, BHARUCH ENVIRO INFRASTRUCTURE LTD.

AUTHORISED SIGNATORY

CIN No.: U45300GJ1997PLC032696
Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : panjwania@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002,Dist.: Bharuch. (Gujarat)

ગુજરાત गुजरात GUJARAT BR 287847

સ્ટે.નં:- 20458 તારીખ:- 16-02-2019
સ્ટેમ્પ લેનારનું નામ:- RECYCLING SOLUTIONS PVT.LTD
સ્ટેમ્પ લેનારનું સરનામું:- PLOT NO.223,GIDC ESTATE,PANOLI
સ્ટેમ્પ લેવા આવનારનું નામ :- NITESHBHAI NATVARBHAI VASAVA
સ્ટેમ્પ લેવા આવનારની સરનામું:- ADIVASI FALIYU,ALONJ,ANKLESHWAR
સ્ટેમ્પ લેવા આવનારની સહી :- .....
આધાર કાર્ડ નં. 7955 9647 2037

R.V.ઉપાધ્યાય
પ્રિયાંસી વિશાલ સરવણ
સ્ટેમ્પ વેન્ડર લા.નં.૧/૧૮
જી/એફ-૧૭,રાજકમલ આર્કેડ,
GIDC,તા.અંકલેશ્વર,જી.ભરૂચ

AGREEMENT

THIS AGREEMENT is made on this 08th day of March 2019 between M/s. Recycling Solutions Private Limited, (hereinafter referred to as "RSPL") a company incorporated and registered under the provisions of the Companies Act 1956 and having its registered office at 370, S V P Road, Shop 8, Plot 384, Cigaretwala Bldg., Opp. CBI, Prathna Samaj, Nr. Harkishandas Hospital, Mumbai - 400004, Maharashtra, India which expression shall unless repugnant to the context or meaning thereof shall mean and include its successors, assignees etc. of FIRST PART

And

M/s. IPCA Laboratories Ltd Which is a Company duly incorporated under the Provisions of The Companies Act 1956 and having its registered office at 48, Kandivli Industrial Estate, Kandivli (West)

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

Mumbai - 400 067, Maharashtra and Factory/works at Village -.Ranu, Taluka- Padra, Dist- Baroda (hereinafter referred to as "The Generator") which expression shall unless repugnant to the context of meaning thereof shall mean and include its successors, assignees etc. of the OTHER PART.

Whereas

1) RSPL is inter alia engaged in the business activities of development, operations and maintenance of infrastructure projects for hazardous waste management. The Waste Mix Processing Facility Project has been granted EC & Consent to Establish." The CC&A has been granted to operate the Waste Mix Processing facility (WMPF) located at Plot No.223, GIDC Estate Panoli, Dist Bharuch, Gujarat (India) (Panoli Unit) by Gujarat Pollution Control Board (GPCB) as per The Environment (Protection) Act, 1986 and Hazardous Waste (Management, Handling and Transboundary) Rules, 2016 and amended thereafter (Herein after referred to as "The Rules").

2) The Other Party (also referred to as "the Generator") is inter alia engaged in the business activities relating to Pharmaceuticals And is generating Hazardous Liquid/Semi Solid/Solid Waste (Hereinafter referred to as "Hazardous Waste")

3) The Generator is desirous of sending its Hazardous Waste at Waste Mix Processing Facility, Panoli and is authorized by GPCB to send hazardous waste at Panoli Unit.

4) RSPL has agreed to accept and manage the Hazardous Waste of the Generator at its Panoli Unit and whereas the Generator agrees to send its Hazardous Waste to RSPL on the terms and conditions stated hereunder.

DEFINITIONS & INTERPRETATIONS

1.1 "TIME" shall be stated in Hours and shall mean Indian Standard Time.

1.2 "DAY" means a period of twelve (12) consecutive hours beginning at 08.00 hours and ending at 20.00 hours.

1.3 "WEEK" means a period of seven (7) consecutive days beginning from a day.

1.4 "MONTH" means a period beginning at 8.00 hours on the first day of Calendar Month and ending at 20.00 hours on the last day of same Calendar Month.

1.5 "YEAR" means a period of three hundred and sixty five (365) consecutive days or three Hundred and sixty six (366) consecutive days when such period includes a twenty ninth (29th) day of February beginning at 8.00 hours from a day.

1.6 "FINANCIAL YEAR" means a year starts from 1st day of April month of the year and ending On 31st day of March month of next year.

1.7 "CONTRACTED QUANTITY" means the quantity of suitable waste streams for which the Generator is entering into the agreement.

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

1.8 The headings of or title to the Clauses in this AGREEMENT shall not be deemed to be a part thereof or be taken into consideration in the interpretation of construction thereof of the AGREEMENT.

1.9 Word imparting the singular only also include the plural and vice versa where the contexts so require.

1.10 Reference to an individual shall include his legal representative, successor, legal heir, executor and administrator.

1.11 "WMPF": Waste Mix Processing Facility

1.12 Abbreviations;

a.) GPCB means Gujarat Pollution Control Board

b.) CPCB means Central Pollution Control Board

c.) MoEF means Ministry of Environment and Forests

Now Therefore Those Present Witnesses and it is hereby declared and agreed by and between the Parties hereto as follows:

01. SCOPE OF AGREEMENT

RSPL shall manage the Hazardous Waste of Generator at its Waste Mix Processing Facility, Panoli, Gujarat as specified in the Rules.

02. DATE OF AGREEMENT & PERIOD OF CONTRACT:

Valid until 07 March 2029 & the present agreement shall remain in force for a Period of 10 Year.

03. EXTENSION OF AGREEMENT

(a) If the Generator wishes to send its Hazardous waste suitable for co-processing after the expiry of the present agreement, it shall give three months advance notice in writing to RSPL of its desire of extended period of facility and RSPL shall subject to the available capacity, consider the request and may in its absolute discretion, offer terms for fresh agreement, both the parties hereto shall after reaching an agreement on the offered terms shall execute a fresh agreement at least one month before the date of expiry of this agreement.

(b) The agreement to be terminated with mutual consent in the following eventualities:

(i) On Authorization to RSPL being cancelled, refused, or not granted by GPCB.

(ii) On expiry of Authorization granted to the Generator and the same having not been renewed by the Generator or of the same having been not granted by GPCB.

(iii) On expiry of the present Agreement, where no fresh agreement is signed and Executed Between parties hereto as mentioned above.

(c) Both the parties hereto further agree, in case of the present agreement coming to an end owing to any of the aforesaid eventualities, it will be the sole responsibility of the Generator to manage its

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

Hazardous Waste in accordance with the relevant provisions of law and that RSPL will not be responsible in any manner whatsoever with respect to Hazardous Waste of the Generator.

(d) Renewal of Registration can be done as per clause 03(a) above after payment of appropriate renewal fees.

04. REGISTRATION FEE & MANAGEMENT CHARGES

4.1 The Generator shall have to make the payment of Rs. NIL Plus all Applicable taxes towards its registration which will not be refundable in any event.

4.2 The registration under this agreement is not transferable in any manner whatsoever except change in name of company or firm without change in management or control.

4.3 The management charges exclusive of all taxes which is presently in force for the type of hazardous wastes suitable to co-processing agreed for sending to RSPL by Generator is Described as follows:

Sr.	Type of wastes	Schedule Name	Physical Status	Calorific Value (cal/gm)	Cl	S	Management Charges (Rs. per MT)
1	Spent Solvent	To be mentioned in Quotation					10000
2	Spent Carbon						10000
3	Residue Waste						10000
4	Discarded Drugs						10000
5	Process /Distillation Residue						10000
6	Distillation residue (from contaminate organic solvent)						10000

(Attach sheets in case of more types of wastes)

4.4 The Generator shall be liable to pay GST apart from the above charges.

4.5 The management charges that the Generator shall pay to RSPL and it shall be subject to annual upwards revision by 5% (percent).

4.6 RSPL has agreed to test & provide Comprehensive Analysis of Hazardous Waste on identified parameters as required for the facility at a cost (Rs. 5000/- per sample). This payment will be adjusted in the billing.

4.7 The Comprehensive Analysis Report shall determine the acceptance of waste based on the Waste Characteristics & Waste Acceptance Criteria given by the operator of the WMPF.

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

05. TRANSPORTATION

5.1 As agreed herein above, M/s. RSPL as part of its obligation under authorization granted by GPCB or as per Rules to ensure effective handling of hazardous waste shall provide Dumpers/ Tractors / Tankers/ Trucks duly authorized by GPCB to the Generator for transporting its Hazardous Waste to the authorized facility of RSPL at the cost of the Generator.

5.2 Transportation cost per MT or per Trip of waste from location of Generator unit to "Recycling Solutions Private Ltd" shall be recovered at the following rates;

S N	Description	Rate (Rs.)	Unit
1	Transportation Charge (9 MT cap.)	19000	Trip
2	Loading Charge	Under Client Scope	MT or Trip
3	Unloading Charge	Including	MT or Trip

The above transportation rates are subject to Annexure - '1' attached with this agreement. The transportation Rate shall be revised based on the 'Annexure - 1' & when changes in the cost of fuel charge.

5.3 RSPL shall provide Dumpers / Tractors / Tankers / Trucks for waste lifting if waste to be transported available with Generator are equal to more than one vehicle capacity. In other circumstances RSPL shall provide Dumpers / Tractors / Tankers / Trucks for waste lifting once in month. In either case the Generator shall be charged on the capacity of vehicle being provided for waste lifting.

06. OBLIGATION OF THE GENERATORS

6.1 While entering into the present agreement with RSPL, the Generator shall submit all categories of Hazardous Waste they desire to send at WMPF in writing. The said categories of Hazardous Waste shall be as per the parameters specified in the Schedules of the Rules. The Generator shall also give true and correct information related to the quantity, Physical and chemical characteristics, nature, and toxicity of Hazardous Waste Substance.

6.2 The Generator shall get the Authorization from GPCB permitting the Generator to send its Hazardous Waste to RSPL and that it shall be the responsibility of the Generator to get the same renewed from time to time.

6.3 The Generator has agreed to declare Hazardous Waste Quantities on annual/monthly basis (as per the Rules) and confirm to a set schedule of waste supply to the RSPL

6.4 The Generator shall provide basic information of its process/chemicals used along with MSDS, of its each product and hazardous waste generated there from and its characterization to RSPL or facility operator.

6.5 GENERATOR has to maintain necessary detailed records and to provide details of Hazardous waste as follows:

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

6.5.1 Provide details of Waste on the storage container as per (Form 12-as per hazardous waste (M, H &T) Rules 2008 and as amended).

6.5.2 Provide details about the Hazardous waste and its characteristics like Explosive/ Ignitable/ Corrosive/ Toxic/ Odour compounds in the Transport Manifest Form (Form 13- as per hazardous waste (M,H&T) Rules 2008, and as amended).

6.5.3 TREM card (Form 11- as per hazardous waste (M,H&T) Rules 2008 and as amended) to the transporter of hazardous waste.

6.6 In the event of false information/declaration or withholding information (related to Clause 6) any time during this agreement being in force or until the existence of the facility, all liabilities during transportation shall remain vested as the responsibility of the GENERATOR.

6.7 The Generator is obliged to intimate 1 week in advance to RSPL to arrange for Dumpers /Tractors /Tankers/ Trucks and on arrival of the same at the Generator's site, the Generator shall be responsible for loading its Hazardous Waste into the said Dumpers / Tractors /Tankers/ Trucks within 3 (three) hours or less, as may be notified by RSPL from time to time, from the said arrival. If the detention of the said Dumpers / Tractor/Tankers/ Trucks at the GENERATOR's site exceeds the notified time, there shall be levied detention charges at the rate mentioned in the Annexure - '1'. The term or rates shall be revised by RSPL from time to time and intimated to generator in time as per Annexure -'1'.

6.8 The Generator shall give undertaking to RSPL that the Generator shall take all precautions while packing and loading hazardous wastes in order to ensure that there shall be no leakage or Spillage occurs. The Generator shall take all practical steps to ensure that such Waste are properly loaded in the fleet without any adverse impacts on health and environment, which may result from such waste. In the event of such adverse impacts having been caused within the factory premises of the Generator, it shall be the sole liability of the Generator

6.9 RSPL shall have the RIGHT TO REJECT the waste and the Generator shall be bound to Accept such Hazardous Waste back without any delay and bear all the cost associated with return of hazardous waste rejected by RSPL, if the same is rejected by RSPL due to the any of the following reasons:

- The variation in waste characteristics is beyond 5% of the agreed and are found non suitable for WMPF;
- The improper packing and loading of wastes resulted in spillage and leakage;
- The registration has expired with RSPL;

6.10 The Generator is obliged to maintain waste characteristics as intimated by the RSPL and/or as

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

Specified in the first analysis report .The variation beyond 5% will not be accepted by RSPL. RSPL is authorized to send it back or is authorized to charge additional charges of such waste resulted due to the change in waste characteristics.

6.11 RSPL may by a Notice served on the GENERATOR require him to provide such additional Information as may be specified in the Notice and the GENERATOR shall send the said information to RSPL within the relevant and justified time frame, immediately from the receipt of the said Notice.

6.12 The GENERATOR shall comply with the provision of Environment (Protection) Act, 1986 and the Rules as amended from time to time as also with the condition of the present agreement and that any breach committed thereof shall render the GENERATOR not eligible for disposing of such Hazardous Waste in RSPL site.

6.13 The GENERATOR shall provide all information related to hazardous waste for Government / Non-Government requirements to RSPL, as and when required.

6.14 The GENERATOR shall not claim any right, interest or privilege in or in relation / Connection with Hazardous Waste accepted at the site of RSPL

6.15 In case of any change in constitution of firm or company or proprietary concern, Products or quality and/or production rate of products or waste quantity or characteristics, the GENERATOR shall intimate RSPL by written notification to be given at least 15 days in advance by registered letter prior to proposed date of change.

6.16 In case of any accident, spillage or leakage resulting in environmental degradation; while loading, unloading, transportation or treatment; happening due to the poor quality of wastes packaging or change in quality beyond 5% of the first analysis report, the GENERATOR shall be solely liable for the subsequent legal and financial liabilities, if any.

07. BILLING AND PAYMENT OF MANAGEMENT CHARGES/ SECURITY DEPOSIT

7.1 The GENERATOR shall be required to make 100% advance payment towards the Waste Management charges. The GENERATOR shall be required to pay an amount equivalent to the Waste Management Charges of wastes to be sent to RSPL at least 1 week in advance. In case of insufficient balance amount against the GENERATOR, the wastes shall not be accepted by RSPL

7.2 The samples will be drawn and will get tested through waste characterization process. The cost for this purpose shall be borne by the respective GENERATOR only.

7.3 The GENERATOR covenants that the charges for the disposal of its Hazardous Waste as notified by RSPL shall be subject to revision during the currency of this agreement and as and when the revision is called for; RSPL shall inform the GENERATOR in advance vide a separate letter.

7.4 RSPL shall charge the GENERATOR on the basis of weighment to be done at the WMPF site. If the Weigh Bridge at the site is not working, it will be weighed at outside Weight Bridge approved by RSPL.

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

7.5 The GENERATOR shall be bound by the test result / reports of RSPL for Waste Management charges and shall not call the same in question for any reason whatsoever.

08. QUALITY:

8.1 The Generator hereby covenants to see that its Hazardous Waste shall, under all circumstances, Conform to the norms specified by GPCB and as prescribed under the provisions of law the time being in force.

8.2 The following listed Waste may not be accepted by RSPL unless expressly specified by RSPL

(i) Wastes containing explosive substances

(ii) Waste which has an obnoxious odour

(iii) Waste which is flammable (Flash point below 65° C)

(iv) Waste which contains shock sensitive substances

(v) Waste which contains volatile substance of significant toxicity

(vi) Waste which contains cyanide compounds

8.3 RSPL may reject Hazardous Waste in total, if the GENERATOR'S above mentioned Hazardous Waste is found not to be in consonance with the condition mentioned in the present AGREEMENT and the decision of RSPL in rejecting the Hazardous Waste of the GENERATOR for non-compliance of the provisions of the present Agreement will be final and it will not be called in question and the GENERATOR shall have to pay the extra amount which shall be charged by RSPL for expenditure incurred in analyzing, transporting and returning of the rejected such Hazardous waste of the GENERATOR.

09. QUANTITY

9.1 Subject to the conditions mentioned under clause in this agreement, the Generator agrees to send on firm basis to RSPL, its own hazardous waste subject to minimum of N.A. MT per month and MT per annum, which will be called the Contracted quantity.

9.2 If the Generator wants to send it own Hazardous Waste in more than the contracted quantity referred to above i.e. additional quantity & i.e. if RSPL is able and prepared to receive the same, then in that event RSPL may show its willingness to accept the said additional quantity up to 12% more than the contracted quantity at the same price. If the GENERATOR wants to send its Hazardous Waste in excess of the aforesaid permissible additional quantity, then in that case, GENERATOR shall be liable to pay 25% more than the agreed price, which will be calculated on yearly basis.

9.3 If the member wants to send such hazardous waste at the rate less than 80% of the aforesaid contracted quantity, than in that event, the member shall be liable to still pay to Rspl for the minimum quantity i.e.80% of the contracted quantity, which will be calculated on yearly basis.

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

10. RSPL RESPONSIBILITY

10.1 RSPL has agreed to manage the hazardous waste of Generator as per the applicable laws, and authorization to be granted by GPCB from time to time.

10.2 RSPL on receipt of information from Generator will plan and schedule for transport within 3 days of intimation from the Generator.

10.3 RSPL shall notify a responsible person to receive, authorize unloading and sign the relevant documents like manifests and establish communication with the Generator and with the relevant agencies statutory or otherwise.

11. DEFAULT

11.1 If the Generator fails and/or defaults in the discharge of any of his obligation under the present agreement, the RSPL may delist the Generator.

11.2 RSPL reserves its right to accept or refuse Registration. In event of GENERATOR committing any breach / violation of the condition of the present agreement or any provision of Law /Act / Rules for the time being in force, RSPL reserves its right to suspend / cancel the Registration for such period as it deem fit without giving any reason or prior notice.

11.3 Where an offence under the Environment Protection Act or under the Rules framed there under, has been committed by the GENERATOR or is attribute to any negligence on the part of the GENERATOR which shall include its Director, Partner, Proprietor, Manager, Secretary, Officer, Partner, etc. and if such GENERATOR is guilty of the offence or is liable to be prosecuted against and punished accordingly. No suit, prosecution or legal proceeding (s) shall lie against RSPL for the offence committed by its GENERATOR.

11.4 The suspension / termination shall be revoked only at the sole discretion of RSPL after it is satisfied that the conditions have been met.

11.5 If the Generator fails and/or defaults in the discharge of any of his obligation under the present agreement, the RSPL may delist the Generator.

12. TRANSFER OF RIGHTS

RSPL may at any time transfer or assign its rights and obligations under the AGREEMENT to any other company or business concern by giving intimation in writing to the GENERATOR. Upon such transfer or assignment, only the transferee or assignee shall be liable for the obligations herein contained.

13. INDEMNITIES

13.1 Generator and RSPL severally shall at all times comply with all the provisions of the relevant Act and Rules from time to time in force and the Guidelines regarding managing of the said Waste

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

and shall, without prejudice to the generality of the foregoing, also comply with all Environmental Protection Laws, Safety Laws and Regulations from time to time in force and the Rules, Regulations and Notifications made or issued there under from time to time. In the event of GENERATOR and (or) RSPL committing any breach of the terms of this clause of the Agreement, GENERATOR and RSPL as the case may be shall indemnify and keep indemnified the Generator RSPL of, from and against all claims, payments, costs and actions of whatsoever nature brought against or sustained or incurred by the Generator / RSPL as the case may be and whether paid for or not arising from or as a result of such breach committed by GENERATOR/ RSPL of the facility in that behalf.

13.2 GENERATOR shall indemnify and keep indemnified RSPL at all times from and against all actions, suits, proceedings, claims, third party claims, costs, payments and expenses of whatsoever nature made or suffered or incurred by operator of the facility, whether by reason of or by virtue of non-performance or non-observance or non-compliance by GENERATOR of any terms and conditions of this Agreement or of the Act, the Rules and the Guidelines.

13.3 RSPL shall at all times comply with all the provisions of the Act and Rules from time to time in force and the Guidelines regarding handling of Waste involving the collection, storage, transportation and delivery thereof, and shall, without prejudice to the generality of the foregoing, also comply with all Environmental Protection Laws. Safety Laws and Regulations from time to time in force and the Rules, Regulations and Notifications made or issued there under from time to time. In the event of RSPL committing any breach of the terms of this clause of the Agreement, RSPL shall indemnify and keep indemnified GENERATOR of from and against all claims, payments, costs and actions of whatsoever nature brought against or sustained or incurred by GENERATOR and whether paid for or not arising from or as a result of such breach committed by the operator of the facility in that behalf.

14. FORCE MAJEURE

14.1 In case of any force majeure, RSPL shall not be saddled with any liability contingent or otherwise but in that case, it shall be the sole liability of the GENERATOR.

14.2 Both the parties hereto agree that due to change in any laws related to pollution or due to any directive of any Court or Authority, if RSPL is to incur any additional financial burden consequent upon any alteration and / or modification in the site or because of any other reason, then, in that case the GENERATOR shall be liable to contribute for the same proportion to its disposal of Hazardous Waste quantity in RSPL, Waste Mix Processing Facility.

14.3 In case of any environment risk arising during the performance of this Agreement at the storage site of RSPL either due to force majeure or due to circumstances beyond the control of the parties hereto, the GENERATOR hereby covenants that any liabilities and/or responsibilities which may consequently arise shall be undertaken generally by RSPL

14.4 Both the parties hereto agree that in any event of there being order in form of any injunction, stay, or otherwise from any Court, GPCB, or any other Authority stopping the functioning of the Site or otherwise whereby RSPL becomes unable to accept Hazardous Waste of the GENERATOR, RSPL shall not be responsible or made responsible and / or be liable in any manner in that regard and that in

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

such an eventuality, it shall be the responsibility of the GENERATOR to get the needful done in respect of disposal of its Hazardous Waste.

14.5 The term FORCE MAJEURE in the CONTRACT means act of God, war, revolt, riot, fire, tempest, flood, earthquake, lightening, direct or indirect consequences of war (declared/ Undeclared), sabotage, hostilities, national emergencies, civil disturbance, commotion, embargo or any law or promulgation, regulation or ordinance whether Central or State or Municipal, breakage, bursting or freezing or stoppage and / or reduction in quantum of Hazardous Waste to be disposed of at the site. Upon occurrence of such cause and on its termination, the parties rendered unable as aforesaid shall

notify the other party in writing within twenty four (24) hours of the beginning and the ending, giving full particulars and satisfactory evidence thereof. Any action of labour employed by the GENERATOR shall not be considered as FORCE MAJEURE.

14.6 Notwithstanding anything else contained herein, neither PARTY hereto shall be liable for damages or to have this AGREEMENT terminated for any delay or default in the performance of such PARTY hereunder if such delay or default in performance derives from conditions beyond the reasonable control of such PARTY, including but not limited to, acts of God, strikes, fires, floods, extreme drought, shortage of supply, riots, work stoppages, embargoes, governmental actions or damage to the plant or facility or any cause unavoidable or beyond the control of either party including any arbitrary ruling by the Government prohibiting the handling of the Waste or continuing domestic or international problems such as wars or insurrections.

14.7 This Agreement shall be deemed to represent the entire Agreement between the parties hereto regarding the subject matter hereof and shall supersede, cancel and replace any and all prior agreements or arrangements, if any, in this behalf, by and between the parties hereto.

14.8 Nothing contained herein shall be deemed to constitute a partnership, joint venture or Agency by and between the parties hereto.

14.9 This Agreement may be modified or amended only by writing, duly executed by or on behalf of the parties hereto.

14.10 Any terms and conditions of this Agreement may be waived at any time by the party that is entitled to the benefit thereof. Such waiver must be in writing and must be executed by an authorized officer of such party. A waiver on one occasion will not be deemed to be a waiver of the same or any other breach or non-fulfilment on a future occasion.

14.11 In the event that any provisions of this Agreement is held to be illegal, invalid or Unenforceable under any present or future law such provisions shall be deemed Terminable and the remaining parts & provisions of this Agreement shall remain in full force & effect.

14.12 Either party shall have no right to terminate this agreement and in the event of dispute arising out of and in the course of the pendency of this agreement shall settle the same mutually, within reasonable time frame keeping in view the greater interest of the Organizations i.e. Generator and RSPL with due allegiance to the applicable legislations and regulations laid down from time to time.

15 PREVIOUS CORRESPONDANCE

15.1 Save and except all discussions and meeting held and correspondence exchanged between

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

RSPL and the GENERATOR in respect of the AGREEMENT and any decisions arrived at therein in the past and before the coming into force of the present AGREEMENT and no reference of such discussions or the GENERATOR for interpreting the present AGREEMENT or otherwise. Whereas solid waste data sheet and application form, will be treated to be the part of this agreement.

16. ARBITRATION

16.1 In case of any dispute or difference of opinion arising out of the present agreement the matter shall be referred to an Arbitrator mutually agreed upon by the GENERATOR and the RSPL, whose decision on the issue shall be final and binding on both the parties.

a) The place of Arbitration will be Panoli.

b) The cost of Arbitration will be borne by the respective party.

17 LAWS GOVERNING THE AGREEMENT

17.1 The present agreement shall be subject to Indian Laws, rules and regulation and notifications etc. issued under such laws.

18 AMENDMENTS

18.1 RSPL may at any point of time make suitable change in the present Agreement after serving a notice to the said GENERATOR.

19 TERMINATION OF AGREEMENT

19.1 This AGREEMENT can be terminated by either party after giving prior written Notice of at least 120 days to the other party. If the cancellation is requested by GENERATOR, the provision relating to minimum charges shall be applicable, also during notice period.

19.2 RSPL has the unrestricted right to terminate this AGREEMENT and deduct its all pending Claims the deposit of the GENERATOR.

20 JURISDICTION

20.1 Subject to the provision of Clause - 15 of the present agreement, M/s. RSPL and the GENERATOR mutually agrees that the Civil Court at PANOLI only shall have jurisdiction for all the disputes / differences arising out of this agreement.

20.2 The addresses of the parties hereto unless changed by written notification to be given at least 15 days in advance by registered letter prior to proposed date of change, shall be as follows:

a) M/s Recycling Solutions Pvt. Ltd

Reg. Office: 370, S V P Road, Shop 8, Plot 384, Cigaretwala Bldg., Opp. CBI, Prathna

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

Samaj, Nr. Harkishandas Hospital, Mumbai - 400004, Maharashtra

Site: Plot No. 223, GIDC Estate Panoli, Panoli-394116, Dist: Bharuch, Gujarat.

b) **GENERATOR:** IPCA Laboratories Ltd

Address: Village - Ranu, Taluka- Padra, Dist - Baroda

IN WITNESS WHEREOF the parties hereto acting through their properly constituted representatives have set their hands to cause this AGREEMENT signed and executed in their respective names and on their behalf

For and on behalf of
M/s. Recycling Solutions Pvt. Ltd

(Sign & Stamped by Authority)

Witness:

1.....

Name : Ankit Pandya
Designation : Area Manager
Address : Vadodara

2.....

Name : Kevin R.
Designation : Manager
Address : Panoli

For and on behalf of GENERATOR
M/s Ipca Laboratories Ltd
For Ipca Laboratories Ltd.

A. K. JAIN
Joint Managing Director
(Sign & Stamped by Authority)

Witness:

1.....

Name : Rawal Kothari
Designation : Vice President - Comm.
Address : IPCA Laboratories, Ranu

2.....

Name : CHAYAN-KAPRUAN.
Designation : VICE PRESIDENT- OPERATIONS
Address : IPCA LABORATORIES, RANU.

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

The Current Diesel Price is Rs. 67 /- Per Liter.

The Service Tax or any other taxes if applicable shall be extra.
The Toll Tax, Packing Material shall be extra.
The Transportation, Loading and unloading costs are subject to revision on Monthly basis due to escalations in fuel price and other costs. The transportation rates shall be revised based on the formula below as & when changes in the cost of fuel and other charge.

The effect of increase in diesel price shall be given in Prevailing Transportation Rate on monthly basis when price increase by Rs. 1.00 Per Liter or more otherwise on quarterly basis.

A. Increase in Transportation Rate due to increase in Diesel Price =

Prevailing Transportation Rate X 70% (Considering Fuel Component) X % increase in Diesel Price

Revised Transportation Rate =

Prevailing Transportation Rate + Increase in Transportation Rate due to increase in Diesel Price will be based on mutual understanding.

Further also the Transportation Rates are subject to annual increase towards other than fuel cost @ 5.00% considering 30% of prevailing Transportation Rate and formula shall be as under;

B. Increase in Transportation Rate on annual basis =

Prevailing Transportation Rate X 30% (Considering other cost Component) X 5.00%

Revised Transportation Rate =

Prevailing Transportation Rate + Increase in Transportation Rate on annual basis

The maximum loading time and detention charges beyond the free loading time for different capacity vehicles are as given below:

SN	Vehicle Capacity	Free Loading Time	Detention Charges/ hr
(i)	6 to 9 tonnes	6 hrs	Rs. 400/- Per Hour
(ii)	10 to 20 tonnes	6 hrs	Rs. 500/- Per Hour

Signed for & on behalf of RSPL

Signed for & on behalf of Generator

Annexure 7

Process Emission Summary of Report Period

(June'21 to Nov'21)

Location	Parameters	Standard Values as per CCA	Unit	Values for the period June'21 to Nov'21		
				Min.	Max.	Avg.
Plant 1	HCl	20	mg/m^3	0.78	3.18	1.45
Plant 4				1.09	3.25	1.98

Note :- Source of information is Third Party Monitoring Reports

KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company (MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: JUN21/015/02

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246 – 015JN21SE02	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 03.06.2021	5.	Sampling Location: Process Stack (FRP SC – 1)
6.	Sampling Time: 12:50 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 09.06.2021	9.	Analysis Completed on: 09.06.2021
10.	Reporting Date: 17.06.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Bharat Patel	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped
17.	Sample Received Date: 09.06.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack (FRP SC – 1)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	40
5.	Velocity	m/s	:	6.0
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	N.D.	20	APHA 23rd Edition: 4500 - Cl C

Remark: N.D. - Not Detected.

Authorized By -

Name : Sapana Amin **Designation : Lab Incharge**

NOTE:
1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company (MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: JUN21/015/04

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246– 015JN21SE04	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 03.06.2021	5.	Sampling Location: Process Stack (FRP SC – 6)
6.	Sampling Time: 14:30 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 09.06.2021	9.	Analysis Completed on: 09.06.2021
10.	Reporting Date: 17.06.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Bharat Patel	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped
17.	Sample Received Date: 09.06.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack (FRP SC – 6)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	42
5.	Velocity	m/s	:	6.0
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	N.D.	20	APHA 23rd Edition: 4500 - Cl C

Remark: N.D. - Not Detected.

Authorized By -

Name : Sapana Amin **Designation : Lab Incharge**

NOTE:
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3) The results reported above relate to the sample identified under Sample Details.

----------**END OF REPORT**----------

KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company (MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: JUL21/029/02

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2147518246– 029JL21SE02		3.	Client Representative: Mr.Suresh Patel	
4.	Sample Date: 02.07.2021		5.	Sampling Location: Process Stack (FRP SC – 1)	
6.	Sampling Time: 12:20 hr		7.	Sampling Duration: 20 Mins	
8.	Analysis commenced on: 08.07.2021		9.	Analysis Completed on: 08.07.2021	
10.	Reporting Date: 20.07.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Javed Haveliwala		13.	Group: Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Stack Emission	
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed	Bladder: Clamped	
17.	Sample Received Date: 08.07.2021				

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack (FRP SC – 1)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	38
5.	Velocity	m/s	:	-
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	1.01	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Sapana Amin **Designation : Lab Incharge**

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----------**END OF REPORT**----------

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: JUL21/029/03

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2147518246– 029JL21SE03		3.	Client Representative: Mr.Suresh Patel	
4.	Sample Date: 02.07.2021		5.	Sampling Location: Process Stack (FRP SC – 4)	
6.	Sampling Time: 12:45 hr		7.	Sampling Duration: 20 Mins	
8.	Analysis commenced on: 08.07.2021		9.	Analysis Completed on: 08.07.2021	
10.	Reporting Date: 20.07.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Javed Haveliwala		13.	Group: Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Stack Emission	
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed	Bladder: Clamped	
17.	Sample Received Date: 08.07.2021				

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack (FRP SC – 4)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	38
5.	Velocity	m/s	:	-
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	2.41	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Sapana Amin **Designation : Lab Incharge**

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KADAM ENVIRONMENTAL CONSULTANTS

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: AUG21/038/02

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 038AU21SE02	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 04.08.2021	5.	Sampling Location: Process Stack FRP SC – 4 (Block-1)
6.	Sampling Time: 15:00 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 10.08.2021	9.	Analysis Completed on: 16.08.2021
10.	Reporting Date: 19.08.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Javed Haveliwala	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped
17.	Sample Received Date: 10.08.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack FRP SC – 4 (Block-1)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	30
5.	Velocity	m/s	:	-
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	0.78	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Sapana Amin **Designation : Lab Incharge**

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----------**END OF REPORT**----------

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: AUG21/038/03

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 038AU21SE03	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 04.08.2021	5.	Sampling Location: Process Stack FRP SC – 6 (Block-4)
6.	Sampling Time: 15:30 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 10.08.2021	9.	Analysis Completed on: 16.08.2021
10.	Reporting Date: 19.08.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Javed Haveliwala	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped
17.	Sample Received Date: 10.08.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack FRP SC – 6 (Block-4)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	30
5.	Velocity	m/s	:	-
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	1.18	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Sapana Amin **Designation : Lab Incharge**

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: OCT21/030/02

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 030OC21SE02	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 06.10.2021	5.	Sampling Location: Process Stack FRP SC – 4 (Block-1)
6.	Sampling Time: 11:40 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 11.10.2021	9.	Analysis Completed on: 11.10.2021
10.	Reporting Date: 30.10.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Bharat Patel	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped
17.	Sample Received Date: 11.10.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack FRP SC – 4 (Block-1)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	40
5.	Velocity	m/s	:	-
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	0.81	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: OCT21/030/03

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 030OC21SE03	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 06.10.2021	5.	Sampling Location: Process Stack FRP SC – 6 (Block-4)
6.	Sampling Time: 12:10 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 11.10.2021	9.	Analysis Completed on: 11.10.2021
10.	Reporting Date: 30.10.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Bharat Patel	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped
17.	Sample Received Date: 11.10.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack FRP SC – 6 (Block-4)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	34
5.	Velocity	m/s	:	6.0
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	1.09	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

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KADAM ENVIRONMENTAL CONSULTANTS

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: NOV21/027/02

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 027NO21SE02	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 10.11.2021	5.	Sampling Location: Process Stack FRP SC – 4 (Block-1)
6.	Sampling Time: 12:35 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 13.11.2021	9.	Analysis Completed on: 13.11.2021
10.	Reporting Date: 25.11.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Axil Tandel	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped
17.	Sample Received Date: 13.11.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack FRP SC – 4 (Block-1)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	42
5.	Velocity	m/s	:	5.57
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	3.18	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: NOV21/027/03

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 027NO21SE03	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 09.11.2021	5.	Sampling Location: Process Stack FRP SC – 6 (Block-4)
6.	Sampling Time: 13:00 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 13.11.2021	9.	Analysis Completed on: 13.11.2021
10.	Reporting Date: 25.11.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Axil Tandel	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped
17.	Sample Received Date: 13.11.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack FRP SC – 6 (Block-4)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	49
5.	Velocity	m/s	:	4.96
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	3.25	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

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----------**END OF REPORT**----------

Annexure 8

Photograph of Ambient Air Monitoring Station & display at Main Gate

Ambient Air Monitoring display near Main Gate

Annexure 9

Ambient Air Monitoring Summary of Report Period

Location	Parameters	Standard Values as per CCA	Unit	Values for the period Jun'21 - Nov'21
Location 1	PM_{10}	100	$\mu g/m^3$	52.50
	$PM_{2.5}$	60		23.50
	SO_2	80		7.00
	NO_x	80		12.96
	HCl	200		0.52
Location 2	PM_{10}	100	$\mu g/m^3$	61.00
	$PM_{2.5}$	60		28.50
	SO_2	80		6.58
	NO_x	80		11.25
	HCl	200		0.66

Note :- Source of information is Third Party Monitoring Reports

Certificate No.: TC-7099

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Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: JUN21/015/01 (ULR- TC709921000009219F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246– 015JN21SE01	3.	Client Representative: Mr. Suresh patel
4.	Sample Date: 03.06.2021	5.	Sampling Locatio: Boiler (3 Ton) Boiler (Bag Filter and Wet Scrubber in Line)
6.	Sampling Time: 12:20 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 09.06.2021	9.	Analysis Completed on: 09.06.2021
10.	Reporting Date: 17.06.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Bharat Patel	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed	Thimble: Packed √ / Bladder: Clamped
17.	Sample Received Date: 09.06.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Boiler (3 Ton) (Bag Filter and Wet Scrubber in Line)**
2.	Height	m	:	33
3.	Diameter	mm	:	-
4.	Temperature	°c	:	118
5.	Velocity	m/s	:	9.0
6.	Type of fuel used		:	Briquette
7.	Quantity of fuel used	Ton/day	:	14

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	Particulate Matter	mg/Nm^3	:	26	150	IS 11255 (Part 1) : 1985
2.	Sulphur Dioxide(SO_2)	ppm	:	12.36	100	IS 11255 (Part 2) : 1985
3.	Oxides of Nitrogen (NOx)	ppm	:	1.40	50	IS 11255 (Part 7) : 2005

Remark:

Authorized By -

Name : Sapana Amin **Designation : Lab Incharge**

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----------END OF REPORT----------

LABORATORY TEST REPORT – STACK

REPORT NO.: JUL21/029/01 (ULR- TC709921000011803F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246– 029JL21SE01	3.	Client Representative: Mr. Suresh patel
4.	Sample Date: 02.07.2021	5.	Sampling Locatio: Boiler (3 Ton) Boiler (Bag Filter and Wet Scrubber in Line)
6.	Sampling Time: 11:50 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 08.07.2021	9.	Analysis Completed on: 08.07.2021
10.	Reporting Date: 20.07.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Javed Haveliwala	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed	Thimble: Packed √ / Bladder: Clamped
17.	Sample Received Date: 08.07.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Boiler (3 Ton) (Bag Filter and Wet Scrubber in Line)**
2.	Height	m	:	33
3.	Diameter	mm	:	-
4.	Temperature	°c	:	141
5.	Velocity	m/s	:	7.60
6.	Type of fuel used		:	Briquette
7.	Quantity of fuel used	Ton/day	:	14

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	Particulate Matter	mg/Nm^3	:	42	150	IS 11255 (Part 1) : 1985
2.	Sulphur Dioxide(SO_2)	ppm	:	10.26	100	IS 11255 (Part 2) : 1985
3.	Oxides of Nitrogen (NOx)	ppm	:	6.34	50	IS 11255 (Part 7) : 2005

Remark:

Authorized By -

Name : Sapana Amin **Designation : Lab Incharge**

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----------**END OF REPORT**----------

Certificate No.: TC-7099

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Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: AUG21/038/01 (ULR- TC709921000014095F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 038AU21SE01	3.	Client Representative: Mr. Suresh patel
4.	Sample Date: 04.08.2021	5.	Sampling Locatio: Boiler (3 Ton) Boiler (Bag Filter and Wet Scrubber in Line)
6.	Sampling Time: 13:00 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 10.08.2021	9.	Analysis Completed on: 16.08.2021
10.	Reporting Date: 19.08.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Javed Haveliwala	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed	Thimble: Packed √ / Bladder: Clamped
17.	Sample Received Date: 10.08.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Boiler (3 Ton) (Bag Filter and Wet Scrubber in Line)**
2.	Height	m	:	33
3.	Diameter	mm	:	-
4.	Temperature	°c	:	148
5.	Velocity	m/s	:	7.66
6.	Type of fuel used		:	Briquette
7.	Quantity of fuel used	Ton/day	:	14

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	Particulate Matter	mg/Nm^3	:	61	150	IS 11255 (Part 1) : 1985
2.	Sulphur Dioxide(SO_2)	ppm	:	8.94	100	IS 11255 (Part 2) : 1985
3.	Oxides of Nitrogen (NOx)	ppm	:	7.01	50	IS 11255 (Part 7) : 2005

Remark:

Authorized By -

Name : Sapana Amin **Designation : Lab Incharge**

NOTE:
1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

TC-7099

KADAM ENVIRONMENTAL CONSULTANTS

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Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: OCT21/030/01 (ULR- TC709921000018389F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 030OC21SE01	3.	Client Representative: Mr. Suresh patel
4.	Sample Date: 06.10.2021	5.	Sampling Locatio: Boiler (3 Ton) Boiler (Bag Filter and Wet Scrubber in Line)
6.	Sampling Time: 11:00 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 11.10.2021	9.	Analysis Completed on: 11.10.2021
10.	Reporting Date: 30.10.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Bharat Patel	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed	Thimble: Packed √ / Bladder: Clamped
17.	Sample Received Date: 11.10.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Boiler (3 Ton) (Bag Filter and Wet Scrubber in Line)**
2.	Height	m	:	33
3.	Diameter	mm	:	-
4.	Temperature	°c	:	112
5.	Velocity	m/s	:	9.0
6.	Type of fuel used		:	Briquette
7.	Quantity of fuel used	Ton/day	:	14

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	Particulate Matter	mg/Nm^3	:	38	150	IS 11255 (Part 1) : 1985
2.	Sulphur Dioxide(SO_2)	ppm	:	6.76	100	IS 11255 (Part 2) : 1985
3.	Oxides of Nitrogen (NOx)	ppm	:	4.60	50	IS 11255 (Part 7) : 2005

Remark:

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE:
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2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------**END OF REPORT**----------

LABORATORY TEST REPORT – STACK

REPORT NO.: NOV21/027/01 (ULR- TC709921000020361F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 027NO21SE01	3.	Client Representative: Mr. Suresh patel
4.	Sample Date: 10.11.2021	5.	Sampling Locatio: Boiler (3 Ton) Boiler (Bag Filter and Wet Scrubber in Line)
6.	Sampling Time: 12:20 hr	7.	Sampling Duration: 40 Mins
8.	Analysis commenced on: 13.11.2021	9.	Analysis Completed on: 13.11.2021
10.	Reporting Date: 25.11.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Axil Tandel	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed	Thimble: Packed √ / Bladder: Clamped
17.	Sample Received Date: 13.11.2021		

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Boiler (3 Ton) (Bag Filter and Wet Scrubber in Line)**
2.	Height	m	:	33
3.	Diameter	mm	:	-
4.	Temperature	°c	:	148
5.	Velocity	m/s	:	7.11
6.	Type of fuel used		:	Briquette
7.	Quantity of fuel used	Ton/day	:	14

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	Particulate Matter	mg/Nm^3	:	59	150	IS 11255 (Part 1) : 1985
2.	Sulphur Dioxide(SO_2)	ppm	:	11.09	100	IS 11255 (Part 2) : 1985
3.	Oxides of Nitrogen (NOx)	ppm	:	6.76	50	IS 11255 (Part 7) : 2005

Remark:

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE:
1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------**END OF REPORT**----------

Certificate No.: TC-7099

KADAM ENVIRONMENTAL CONSULTANTS

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Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: MAY21/024/05 (ULR- TC709921000007854F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2044008246– 024MY21AQ01		3.	Client Representative: Mr.Suresh Patel	
4.	Sampling Date: 05.05.2021		5.	Sampling Location: Nr.Main Gate	
6.	Sampling time: 11:30 hr		7.	Sampling Duration: 24 Hrs	
8.	Analysis commenced on: 06.05.2021		9.	Analysis Completed on: 06.05.2021	
10.	Reporting Date: 24.05.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Axil Tandel		13.	Group : Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Ambient Air	
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √		Bladder: Clamped
17.	**Environment Condition:**	Temp: Normal	Humidity:Medium	Wind speed: Smooth	Cloud cover: Clear sky
	Rain: No Rain	Wind Direction: Down Wind	Wind blowing from: -		Station category: Industrial
18.	Sample Received Date: 06.05.2021				

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	PM_{10}	$\mu g/m^3$	:	65	100	IS 5182 (Part 23) : 2006
2.	$PM_{2.5}$	$\mu g/m^3$	:	26	60	Guidelines By CPCB(Vol-1)
3.	Sulphur Dioxide (SO_2)	$\mu g/m^3$	:	10.74	80	IS 5182 (Part 2) : 2001
4.	Oxides of Nitrogen (NO_X)	$\mu g/m^3$	:	12.08	80	IS 5182 (Part 6) : 2006
Remark :						
Authorized By -						
Name : Bhavisha Pandya				**Designation : Sr.Chemist**		

NOTE :
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2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under **Sample Details**.

----------**END OF REPORT**----------

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: MAY21/024/07

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2044008246– 024MY21AQ01		3.	Client Representative: Mr.Suresh Patel	
4.	Sampling Date: 05.05.2021		5.	Sampling Location: Nr. Main Gate	
6.	Sampling time: 11:30 hr		7.	Sampling Duration: 24 Hrs	
8.	Analysis commenced on: 06.05.2021		9.	Analysis Completed on: 06.05.2021	
10.	Reporting Date: 24.05.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Axil Tandel		13.	Group : Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Ambient Air	
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped	
17.	**Environment Condition:**	Temp: Normal	Humidity:Medium	Wind speed: Smooth	Cloud cover: Clear sky
	Rain: No Rain	Wind Direction: Down Wind	Wind blowing from: -	Station category: Industrial	
18.	Sample Received Date: 06.05.2021				

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	HCL	$\mu g/m^3$	:	18.99	N.A	Mercuric Nitrate Method

Remark :

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

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3) The results reported above relate to the sample identified under **Sample Details**.

----------END OF REPORT----------

Certificate No.: TC-7099

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: MAY21/024/06 (ULR- TC709921000007855F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246– 024MY21AQ02	3.	Client Representative: Mr.Suresh Patel
4.	Sampling Date: 05.05.2021	5.	Sampling Location: Nr. Decand Area (ETP)
6.	Sampling time: 11:40 hr	7.	Sampling Duration: 24 Hrs
8.	Analysis commenced on: 06.05.2021	9.	Analysis Completed on: 06.05.2021
10.	Reporting Date: 24.05.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Axil Tandel	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Ambient Air
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped
17.	**Environment Condition:**	Temp: Normal	Humidity: Medium	Wind speed: Smooth	Cloud cover: Clear sky
	Rain: No Rain	Wind Direction: Core area	Wind blowing from: -	Station category: Industrial
18.	Sample Received Date: 06.05.2021		

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	PM_{10}	$\mu g/m^3$	:	74	100	IS 5182 (Part 23) : 2006
2.	$PM_{2.5}$	$\mu g/m^3$	:	30	60	Guidelines By CPCB(Vol-1)
3.	Sulphur Dioxide (SO_2)	$\mu g/m^3$	:	10.23	80	IS 5182 (Part 2) : 2001
4.	Oxides of Nitrogen (NO_x)	$\mu g/m^3$	:	13.18	80	IS 5182 (Part 6) : 2006

Remark :

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

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3) The results reported above relate to the sample identified under **Sample Details.**

----------END OF REPORT----------

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: MAY21/024/08

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2044008246– 024MY21AQ02		3.	Client Representative: Mr.Suresh Patel	
4.	Sampling Date: 05.05.2021		5.	Sampling Location: Nr. Decand Area (ETP)	
6.	Sampling time: 11:40 hr		7.	Sampling Duration: 24 Hrs	
8.	Analysis commenced on: 06.05.2021		9.	Analysis Completed on: 06.05.2021	
10.	Reporting Date: 24.05.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Axil Tandel		13.	Group : Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Ambient Air	
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed	Bladder: Clamped	
17.	**Environment Condition:**	Temp: Normal	Humidity: Medium	Wind speed: Smooth	Cloud cover: Clear sky
	Rain: No Rain	Wind Direction: Core area	Wind blowing from: -	Station category: Industrial	
18.	Sample Received Date: 06.05.2021				

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	HCL	µg/m^3	:	14.28	N.A	Mercuric Nitrate Method

Remark :

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
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3) The results reported above relate to the sample identified under **Sample Details**.

----------END OF REPORT----------

Certificate No.: TC-7099

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: AUG21/038/05 (ULR- TC709921000014097F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2147518246 – 038AU21AQ01		3.	Client Representative: Mr.Suresh Patel	
4.	Sampling Date: 04.08.2021		5.	Sampling Location: Nr.Main Gate	
6.	Sampling time: 12:30 hr		7.	Sampling Duration: 24 Hrs	
8.	Analysis commenced on: 10.08.2021		9.	Analysis Completed on: 16.08.2021	
10.	Reporting Date: 19.08.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Javed Haveliwala		13.	Group : Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Ambient Air	
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped	
17.	**Environment Condition:**	Temp: Normal	Humidity: Medium	Wind speed: Smooth	Cloud cover: Generally Cloudy
	Rain: Very Light	Wind Direction: Up Wind	Wind blowing from: -	Station category: Industrial	
18.	Sample Received Date: 10.08.2021				

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	PM_{10}	µg /m³	:	58	100	IS 5182 (Part 23) : 2006
2.	$PM_{2.5}$	µg /m³	:	27	60	Guidelines By CPCB(Vol-1)
3.	Sulphur Dioxide (SO_2)	µg /m³	:	6.18	80	IS 5182 (Part 2) : 2001
4.	Oxides of Nitrogen (NO_x)	µg /m³	:	13.47	80	IS 5182 (Part 6) : 2006
Remark :						
Authorized By -						
Name : Sapana Amin				**Designation : Sr.Chemist**		

NOTE :
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3) The results reported above relate to the sample identified under Sample Details.

----------**END OF REPORT**----------

KADAM ENVIRONMENTAL CONSULTANTS

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: AUG21/038/07

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2147518246 – 038AU21AQ01		3.	Client Representative: Mr.Suresh Patel	
4.	Sampling Date: 04.08.2021		5.	Sampling Location: Nr. Main Gate	
6.	Sampling time: 12:30 hr		7.	Sampling Duration: 24 Hrs	
8.	Analysis commenced on: 10.08.2021		9.	Analysis Completed on: 16.08.2021	
10.	Reporting Date: 19.08.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Javed Haveliwala		13.	Group : Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Ambient Air	
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped	
17.	**Environment Condition:**	Temp: Normal	Humidity: Medium	Wind speed: Smooth	Cloud cover: Generally Cloudy
	Rain: Very Light	Wind Direction: Up Wind	Wind blowing from: -	Station category: Industrial	
18.	Sample Received Date: 10.08.2021				

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	HCL	$\mu g/m^3$	:	0.86	N.A	Mercuric Nitrate Method

Remark :

Authorized By -

Name : Sapana Amin **Designation : Sr.Chemist**

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------**END OF REPORT**----------

Certificate No.: TC-7099

KADAM ENVIRONMENTAL CONSULTANTS

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Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: AUG21/038/06 (ULR- TC709921000014098F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 038AU21AQ02	3.	Client Representative: Mr.Suresh Patel
4.	Sampling Date: 04.08.2021	5.	Sampling Location: Nr. Decand Area (ETP)
6.	Sampling time: 12:45 hr	7.	Sampling Duration: 24 Hrs
8.	Analysis commenced on: 10.08.2021	9.	Analysis Completed on: 16.08.2021
10.	Reporting Date: 19.08.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Javed Haveliwala	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Ambient Air
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped
17.	**Environment Condition:**	Temp: Normal	Humidity: Medium	Wind speed: Smooth	Cloud cover: Generally Cloudy
	Rain: Very Light	Wind Direction: Up Wind	Wind blowing from: -	Station category: Industrial
18.	Sample Received Date: 10.08.2021		

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	PM_{10}	µg /m³	:	64	100	IS 5182 (Part 23) : 2006
2.	PM $_{2.5}$	µg /m³	:	35	60	Guidelines By CPCB(Vol-1)
3.	Sulphur Dioxide (SO_2)	µg /m³	:	6.57	80	IS 5182 (Part 2) : 2001
4.	Oxides of Nitrogen (NO_X)	µg /m³	:	11.26	80	IS 5182 (Part 6) : 2006

Remark :

Authorized By -

Name : Sapana Amin **Designation : Sr.Chemist**

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company (MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: AUG21/038/08

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 038AU21AQ02	3.	Client Representative: Mr.Suresh Patel
4.	Sampling Date: 04.08.2021	5.	Sampling Location: Nr. Decand Area (ETP)
6.	Sampling time: 12:45 hr	7.	Sampling Duration: 24 Hrs
8.	Analysis commenced on: 10.08.2021	9.	Analysis Completed on: 16.08.2021
10.	Reporting Date: 19.08.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Javed Haveliwala	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Ambient Air
16.	Description of Sample: Sampling Bottles: Sealed √	Filter Paper: Packed	Bladder: Clamped
17.	**Environment Condition:** Temp: Normal	Humidity: Medium	Wind speed: Smooth / Cloud cover: Generally Cloudy
	Rain: Very Light	Wind Direction: Down Wind	Wind blowing from: - / Station category: Industrial
18.	Sample Received Date: 10.08.2021		

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	HCL	µg/m³	:	1.0	N.A	Mercuric Nitrate Method

Remark :

Authorized By -

Name : Sapana Amin **Designation : Sr.Chemist**

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------**END OF REPORT**----------

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: NOV21/027/06 (ULR- TC709921000020363F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2147518246 – 027NO21AQ01		3.	Client Representative: Mr.Suresh Patel	
4.	Sampling Date: 09.11.2021		5.	Sampling Location: Nr.Main Gate	
6.	Sampling time: 11:55 hr		7.	Sampling Duration: 24 Hrs	
8.	Analysis commenced on: 13.11.2021		9.	Analysis Completed on: 13.11.2021	
10.	Reporting Date: 25.11.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Axil Tandel		13.	Group : Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Ambient Air	
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped	
17.	**Environment Condition:**	Temp: Normal	Humidity: Medium	Wind speed: Smooth	Cloud cover: Generally Cloudy
	Rain: Very Light	Wind Direction: Up Wind	Wind blowing from: -	Station category: Industrial	
18.	Sample Received Date: 13.11.2021				

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	PM_{10}	µg /m^3	:	47	100	IS 5182 (Part 23) : 2006
2.	$PM_{2.5}$	µg /m^3	:	20	60	Guidelines By CPCB(Vol-1)
3.	Sulphur Dioxide (SO_2)	µg /m^3	:	7.81	80	IS 5182 (Part 2) : 2001
4.	Oxides of Nitrogen (NO_X)	µg /m^3	:	12.45	80	IS 5182 (Part 6) : 2006

Remark :

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company (MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: NOV21/027/08

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2147518246 – 027NO21AQ01		3.	Client Representative: Mr.Suresh Patel	
4.	Sampling Date: 09.11.2021		5.	Sampling Location: Nr. Main Gate	
6.	Sampling time: 11:55 hr		7.	Sampling Duration: 24 Hrs	
8.	Analysis commenced on: 13.11.2021		9.	Analysis Completed on: 13.11.2021	
10.	Reporting Date: 25.11.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Axil Tandel		13.	Group : Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Ambient Air	
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped	
17.	**Environment Condition:**	Temp: Normal	Humidity: Medium	Wind speed: Smooth	Cloud cover: Generally Cloudy
	Rain: Very Light	Wind Direction: Up Wind	Wind blowing from: -	Station category: Industrial	
18.	Sample Received Date: 13.11.2021				

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	HCL	$\mu g/m^3$	:	0.17	N.A	Mercuric Nitrate Method

Remark :

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------**END OF REPORT**----------

TC-7099

KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company (MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: NOV21/027/07 (ULR- TC709921000020364F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2147518246 – 027NO21AQ02	3.	Client Representative: Mr.Suresh Patel
4.	Sampling Date: 09.11.2021	5.	Sampling Location: Nr. Decand Area (ETP)
6.	Sampling time: 12:10 hr	7.	Sampling Duration: 24 Hrs
8.	Analysis commenced on: 13.11.2021	9.	Analysis Completed on: 13.11.2021
10.	Reporting Date: 25.11.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Axil Tandel	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Ambient Air
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped
17.	**Environment Condition:**	Temp: Normal	Humidity: Medium	Wind speed: Smooth	Cloud cover: Generally Cloudy
	Rain: Very Light	Wind Direction: Up Wind	Wind blowing from: -	Station category: Industrial
18.	Sample Received Date: 13.11.2021			

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	PM_{10}	µg /m^3	:	58	100	IS 5182 (Part 23) : 2006
2.	PM $_{2.5}$	µg /m^3	:	22	60	Guidelines By CPCB(Vol-1)
3.	Sulphur Dioxide (SO_2)	µg /m^3	:	6.58	80	IS 5182 (Part 2) : 2001
4.	Oxides of Nitrogen (NO_X)	µg /m^3	:	11.24	80	IS 5182 (Part 6) : 2006

Remark :

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company (MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: NOV21/027/09

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.				
2.	Sample ID: 2147518246 – 027NO21AQ02		3.	Client Representative: Mr.Suresh Patel	
4.	Sampling Date: 09.11.2021		5.	Sampling Location: Nr. Decand Area (ETP)	
6.	Sampling time: 12:10 hr		7.	Sampling Duration: 24 Hrs	
8.	Analysis commenced on: 13.11.2021		9.	Analysis Completed on: 13.11.2021	
10.	Reporting Date: 25.11.2021		11.	Discipline: Chemical	
12.	Sample Collected By: Mr. Axil Tandel		13.	Group : Atmospheric Pollution	
14.	Sampling Procedure: IS Method		15.	Product: Ambient Air	
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed		Bladder: Clamped
17.	**Environment Condition:**	Temp: Normal	Humidity: Medium	Wind speed: Smooth	Cloud cover: Generally Cloudy
	Rain: Very Light	Wind Direction: Down Wind	Wind blowing from: -		Station category: Industrial
18.	Sample Received Date: 13.11.2021				

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	HCL	µg/m^3	:	0.32	N.A	Mercuric Nitrate Method

Remark :

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE :
1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------**END OF REPORT**----------

Annexure 10

Photograph of Online VOC Monitoring Station

VOC display screen

Annexure 11 - VOC Monitoring

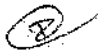
Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Inside)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
1	Ware house (Inside)	VOC	VOC Sampler	1	-	7.12

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of **June - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.03.06.2021, Time 11:00 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Outside)
2.Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
2	Ware house (Outside)	VOC	VOC Sampler	1	-	4.37

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of **June - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.03.06.2021, Time 11:30 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (Ground Floor)
2.Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
3	Block - 1 (Ground Floor)	VOC	VOC Sampler	1	-	6.49

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of June - 2021 by Kadam Environmental Consultants, Vadodara.
(Dtd.03.06.2021, Time 11:10 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 4
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
4	Block - 4	VOC	VOC Sampler	1	-	2.68

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of **June - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.03.06.2021, Time 11:40 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (First Floor)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
5	Block - 1 (First Floor)	VOC	VOC Sampler	1	-	1.98

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of **June - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.03.06.2021, Time 12:20 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Inside)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
1	Ware house (Inside)	VOC	VOC Sampler	1	-	13.75

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of **July - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.03.07.2021, Time 11:30 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Outside)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
2	Ware house (Outside)	VOC	VOC Sampler	1	-	5.98

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of **July - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.03.07.2021, Time 11:50 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (Ground Floor)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
3	Block - 1 (Ground Floor)	VOC	VOC Sampler	1	-	6.71

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of **July - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.03.07.2021, Time 12:10 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 4
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
4	Block - 4	VOC	VOC Sampler	1	-	2.40

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of **July - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.03.07.2021, Time 12:40 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (First Floor)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
5	Block - 1 (First Floor)	VOC	VOC Sampler	1	-	4.78

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd. in the month of **July - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.03.07.2021, Time 13:00 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Inside)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
1	Ware house (Inside)	VOC	VOC Sampler	1	-	10.41

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	MR.JAVED HAVELIWALA

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of July - 2021 by Kadam Environmental Consultants, Vadodara.
(Dtd.04.08.2021, Time 15:01 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Outside)
2. Raw Material, by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
2	Ware house (Outside)	VOC	VOC Sampler	1	-	6.12

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	MR.JAVED HAVELIWALA

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **July - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.04.08.2021, Time 15:01 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (Ground Floor)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
3	Block - 1 (Ground Floor)	VOC	VOC Sampler	1	-	4.23

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.JAVED HAVELIWALA

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **July - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.04.08.2021, Time 15:01 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 4
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
4	Block - 4	VOC	VOC Sampler	1	-	5.10

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	MR.JAVED HAVELIWALA

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of July - 2021 by Kadam Environmental Consultants, Vadodara.
(Dtd.04.08.2021, Time 15:01 hr)

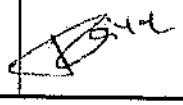
Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (First Floor)
2. Raw Material, by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
5	Block - 1 (First Floor)	VOC	VOC Sampler	1	-	3.22

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.JAVED HAVELIWALA

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **July - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.04.08.2021, Time 15:01 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Inside)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
1	Ware house (Inside)	VOC	VOC Sampler	1	-	9.54

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **October - 2021** by Kadam Environmental Consultants, Vadodara. **(Dtd.06.10.2021, Time 11:00 hr)**

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Outside)
2. Raw Material, by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
2	Ware house (Outside)	VOC	VOC Sampler	1	-	4.45

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **October - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.06.10.2021, Time 11:20 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (Ground Floor)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
3	Block - 1 (Ground Floor)	VOC	VOC Sampler	1	-	7.69

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **October - 2021** by Kadam Environmental Consultants, Vadodara. **(Dtd.06.10.2021, Time 11:40 hr)**

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 4
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
4	Block - 4	VOC	VOC Sampler	1	-	2.54

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **October - 2021** by Kadam Environmental Consultants, Vadodara. **(Dtd.06.10.2021, Time 12:05 hr)**

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (First Floor)
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
5	Block - 1 (First Floor)	VOC	VOC Sampler	1	-	2.07

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	MR.BHARAT PATEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **October - 2021** by Kadam Environmental Consultants, Vadodara.
(Dtd.06.10.2021, Time 12:30 hr)

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Inside)
2. Raw Material, by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
1	Ware house (Inside)	VOC	VOC Sampler	1	-	5.77

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.AXIL TANDEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **November - 2021** by Kadam Environmental Consultants, Vadodara. **(Dtd.09.11.2021, Time 12:50 hr)**

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Ware house (Outside)
2. Raw Material,by products and finished products involving in the process.:
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
2	Ware house (Outside)	VOC	VOC Sampler	1	-	2.08

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For	MR.AXIL TANDEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **November - 2021** by Kadam Environmental Consultants, Vadodara. **(Dtd.09.11.2021, Time 12:52 hr)**

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (Ground Floor)
2. Raw Material, by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
3	Block - 1 (Ground Floor)	VOC	VOC Sampler	1	-	3.99

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.AXIL TANDEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **November - 2021** by Kadam Environmental Consultants, Vadodara. **(Dtd.09.11.2021, Time 1:25 hr)**

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 4
2. Raw Material,by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
4	Block - 4	VOC	VOC Sampler	1	-	8.05

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.AXIL TANDEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **November - 2021** by Kadam Environmental Consultants, Vadodara. **(Dtd.09.11.2021, Time 1:55 hr)**

Form No. - 37

(Prescribed under Rule 12-B)

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

1. Name of the Department/Plant. - Block - 1 (First Floor)
2. Raw Material, by products and finished products involving in the process :
3. Particulars of sampling

S.No.	Location / Operation mentioned	Identified contaminant	Sampling Instrument Used	Airborne Contamination		Result
				No. of samples	Range	mg/m^3
1	2	3	4	5	6	7
5	Block - 1 (First Floor)	VOC	VOC Sampler	1	-	1.60

STEL conc. (as given in 2nd Schedule)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (In Block Letter)
8	9	10	11	12	13
-	IS 5182(Part 11): 2006	-	-	For 	MR.AXIL TANDEL

Work Place Monitoring done at M/s. IPCA Laboratories Ltd., (Ranu) in the month of **November - 2021** by Kadam Environmental Consultants, Vadodara. **(Dtd.09.11.2021, Time 1:40 hr)**

IPCA Laboratory Ltd, Ranu

Verification of FLP Electrical Equipments & Earthing Integrity

Plant Block-04

Sr. No	Equipment ID	Name of PPA	Flameproof Electrical Fittings Check Points					Remarks	Checked by
			All Bolts in Place & Threaded properly	All Entry Closed	Earthing Connectivity	No Physical Damaged	FLP Gland & its condition		
1	04/SSRE-18	FIRST FLOOR PPA	Ok	Ok	Ok	Ok	Ok	NA	15/12/24
2	04/SSRE-19	FIRST FLOOR PPA	Ok	Ok	Ok	Ok	Ok	NA	15/12/24
3	04/GLRE-20	FIRST FLOOR PPA	Ok	Ok	Ok	Ok	Ok	NA	15/12/24
4	04/GLRE-21	FIRST FLOOR PPA	Ok	Ok	Ok	Ok	Ok	NA	15/12/24
5	04/SSCF-07	GROUND FLOOR PPA	Ok	Ok	Ok	Ok	Ok	NA	15/12/24
6	04/HAANFD-02	GROUND FLOOR PPA	Ok	Ok	Ok	Ok	Ok	NA	15/12/24
7	04/SSRVD-03	GROUND FLOOR PPA	Not Ok	Ok	Ok	Ok	Ok	Bolt found missing, made okay	15/12/24
8	04/SSVTD-02	GROUND FLOOR PPA	Ok	Not ok	Ok	Ok	Ok	Dummy applied	16/12/24
9	04/SSMM-01	GROUND FLOOR PPA	Ok	Ok	Ok	Ok	Ok	NA	16/12/24
10	04/SSJM-01	GROUND FLOOR PPA	Ok	Ok	Ok	Ok	Not ok	Gland Replaced	16/12/24
11	04/SSPM-01	GROUND FLOOR PPA	Ok	Ok	Ok	Ok	Ok	NA	16/12/24

12	04/SSVSF-01	GROUND FLOOR PPA	ok	Ok	Ok	Ok	ok	NA	16/12/21
13	04/SSVSF-02	GROUND FLOOR PPA	ok	ok	ok	ok	Not ok	Gland made ok	16/12/21
14	04/SSBL-01	GROUND FLOOR PPA	ok	ok	ok	ok	Not ok	Gland Reploced	16/12/21

Reviewed By:

16/12/21

IPCA Laboratory Ltd, Ranu

Verification of FLP Electrical Equipments & Earthing Integrity

Plant Block-01

Sr. No	Equipment ID	Name of PPA	Flameproof Electrical Fittings Check Points					Remarks	Checked by
			All Bolts in Place & Threaded properly	All Entry Closed	Earthing Connectivity	No Physical Damaged	FLP Gland & its condition		
1	01/SSCF-06	A WING FIRST FLOOR PP AREA	OK	OK	OK	OK	OK	NA	16/12/21
2	01/SSCF-07	A WING FIRST FLOOR PP AREA	OK	OK	OK	OK	OK	NA	16/12/21
3	01/SSCF-09	B WING FIRST FLOOR PP AREA	OK	OK	OK	OK	OK	NA	16/12/21
4	01/SSRVD-02	GROUND FLOOR PP AREA	OK	OK	OK	OK	OK	NA	16/12/21
5	01/SSRVD-03	GROUND FLOOR PP AREA	OK	OK	OK	OK	OK	NA	16/12/21
6	01/SSRVD-08	PP AREA NEAR DDH PLANT	OK	OK	OK	OK	OK	NA	16/12/21
7	01/SSVSF-01	GROUND FLOOR PP AREA	OK	OK	OK	OK	OK	NA	16/12/21
8	01/SSVSF-02	GROUND FLOOR PP AREA	OK	OK	OK	OK	OK	NA	16/12/21
9	01/SSVSF-03	B WING GROUND FLOOR PP AREA	OK	OK	OK	OK	OK	NA	16/12/21
10	01/SSMM-01	GROUND FLOOR PP AREA B WING	OK	OK	OK	OK	OK	NA	16/12/21
11	01/SSMM-03	GROUND FLOOR PP AREA B WING	OK	OK	OK	OK	OK	NA	16/12/21

IPCA Laboratory Ltd, Ranu

Verification of FLP Electrical Equipments & Earthing Integrity

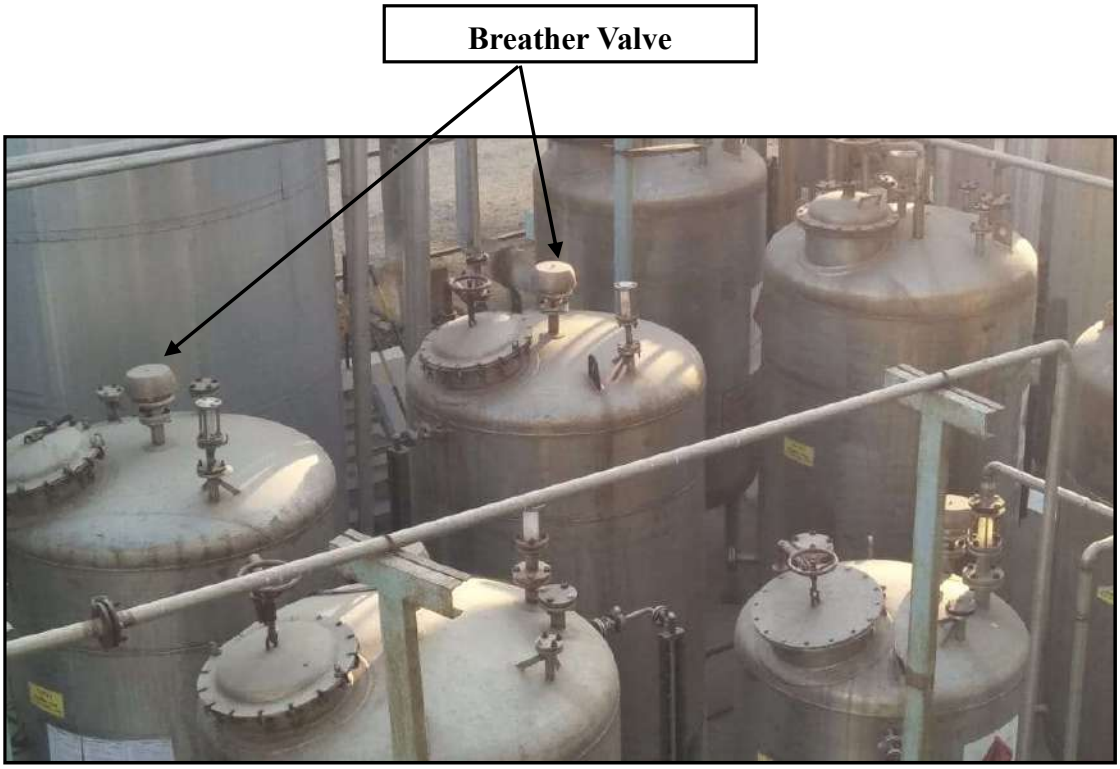
Plant Block-01

Sr. No	Equipment ID	Name of PPA	Flameproof Electrical Fittings Check Points					Remarks	Checked by
			All Bolts in Place & Threaded properly	All Entry Closed	Earthing Connectivity	No Physical Damaged	FLP Gland & its condition		
12	01/SSMM-04	GROUND FLOOR PP AREA B WING	OK	OK	OK	OK	OK	NA	RJ 16/12/21
13	01/SSDE-01	BLOCK 01 PP AREA-01	OK	OK	OK	OK	OK	NA	RJ 16/12/21
14	01/SSDE-02	BLOCK 01 PP AREA-01	OK	OK	OK	OK	OK	NA	RJ 16/12/21
15	01/SSDE-03	BLOCK 01 PP AREA-02	OK	OK	OK	OK	OK	NA	RJ 16/12/21
16	01/SSDE-04	BLOCK 01 PP AREA-02	OK	OK	OK	OK	OK	NA	RJ 16/12/21
17	01/SSRE-13	PP AREA-01 WING SECOND FLOOR	OK	OK	OK	OK	OK	NA	RJ 16/12/21
18	01/SSRE-14	A WING SECOND FLOOR	OK	OK	OK	OK	OK	NA	RJ 16/12/21
19	01/SSRE-15	A WING SECOND FLOOR	OK	OK	OK	OK	OK	NA	RJ 16/12/21
20	01/SSRE-16	A WING SECOND FLOOR	OK	OK	OK	OK	OK	NA	RJ 16/12/21
21	01/SSRE-31	B WING SECOND FLOOR	OK	OK	OK	OK	OK	NA	RJ 16/12/21

Reviewed By: 16/12/21

Annexure 13

Breather Valves installed in Solvent Tanks



भारत सरकार
केन्द्रीय भूमि जल प्राधिकरण
जल संसाधन, नदी विकास
और गंगा संरक्षण मंत्रालय

Government of India
Central Ground Water Authority
Ministry of Water Resources,
River Development & Ganga Rejuvenation

Member (CGWA)

CGWA/IND/Proj/2019-365-R

No.21-4(1177)/WCR/CGWA/2014- 687

Dated:- 16 JUL 2019

To

M/s IPCA Laboratories Ltd.
Block-132, Village Ranu,Taluka Padra
District - Vadodara, Gujarat – 391445

Sub: - Renewal of NOC for ground water withdrawal to M/s IPCA Laboratories Ltd. in respect of their existing Pharmaceutical ingredient products manufacturing unit located at Block 132, Village Ranu, Taluka Padra, District Vadodara, Gujarat - reg.

Refer to your application dated 31/03/2017 on the above cited subject. Based on recommendations of Regional Director, Central Ground Water Board, West Central Region, Ahmedabad vide their office letter no. TS/8(9)/WCR/CGWB/1140-622 dated 02/08/2017; and further deliberations on the subject, the NOC issued to **M/s IPCA Laboratories Ltd. in respect of their existing Pharmaceutical ingredient products manufacturing unit located at Block 132, Village Ranu, Taluka Padra, District Vadodara, Gujarat** vide this office letter of even No. dated 21/11/2014 is hereby renewed. The renewed NOC shall be valid from 06/06/2019 to 05/06/2022 and shall be subject to the following conditions:-

1. The firm may continue to abstract **1,01,400 cu.m/year** ground water through two (2) existing tube wells only. No additional ground water abstraction structures shall be constructed for this purpose without prior approval of the CGWA.
2. Both the wells shall remain fitted with digital water flow meters and monthly ground water abstraction data of each well shall be recorded in a log book by the firm.
3. **M/s IPCA Laboratories Ltd.,** shall, continue to implement ground water recharge measures to the tune of **1,03,620 cu.m/year** for augmenting the ground water resources of the area. Firm shall continue to undertake periodic maintenance of recharge structures at its own cost.
4. The firm shall continue to execute monthly ground water level monitoring in the project area through two (2) nos. of existing piezometers. The firm shall install digital water level recorders in both the piezometers.

5. The ground water quality shall be monitored once in a year during pre monsoon period.
6. The ground water monitoring data in respect of S. No. 2, 4 & 5 shall be submitted to the Regional Director, Central Ground Water Board, West Central Region, Ahmedabad on regular basis at least once in a year.
7. The firm shall ensure proper recycling and reuse of waste water after adequate treatment.
8. Action taken report in respect of S.N o. 1 to 7 shall be submitted to CGWA within one year period.
9. The NOC is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in S. No. 1 to 8.
10. The project proponent shall take all necessary measures to prevent contamination of groundwater in the premises failing which the firm shall be responsible for any consequences arising there upon.
11. This NOC is subject to prevailing Central/State Government rules/laws or Court orders related to construction of tubewell/ground water withdrawal/construction of recharge or conservation structures/discharge of effluents or any such matter as applicable.
12. This NOC does not absolve the applicant / proponent of his obligation / requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
13. The NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and be taking decisions independently of the NOC.
14. The firm shall be liable to pay penalty/Enviornment compensation for non-submission of application in time as per the condition stipulated in the earlier NOC for the period from 21.11.2016 to 30.03.2017, as and when imposed by the Authority.

Member (CGWA)

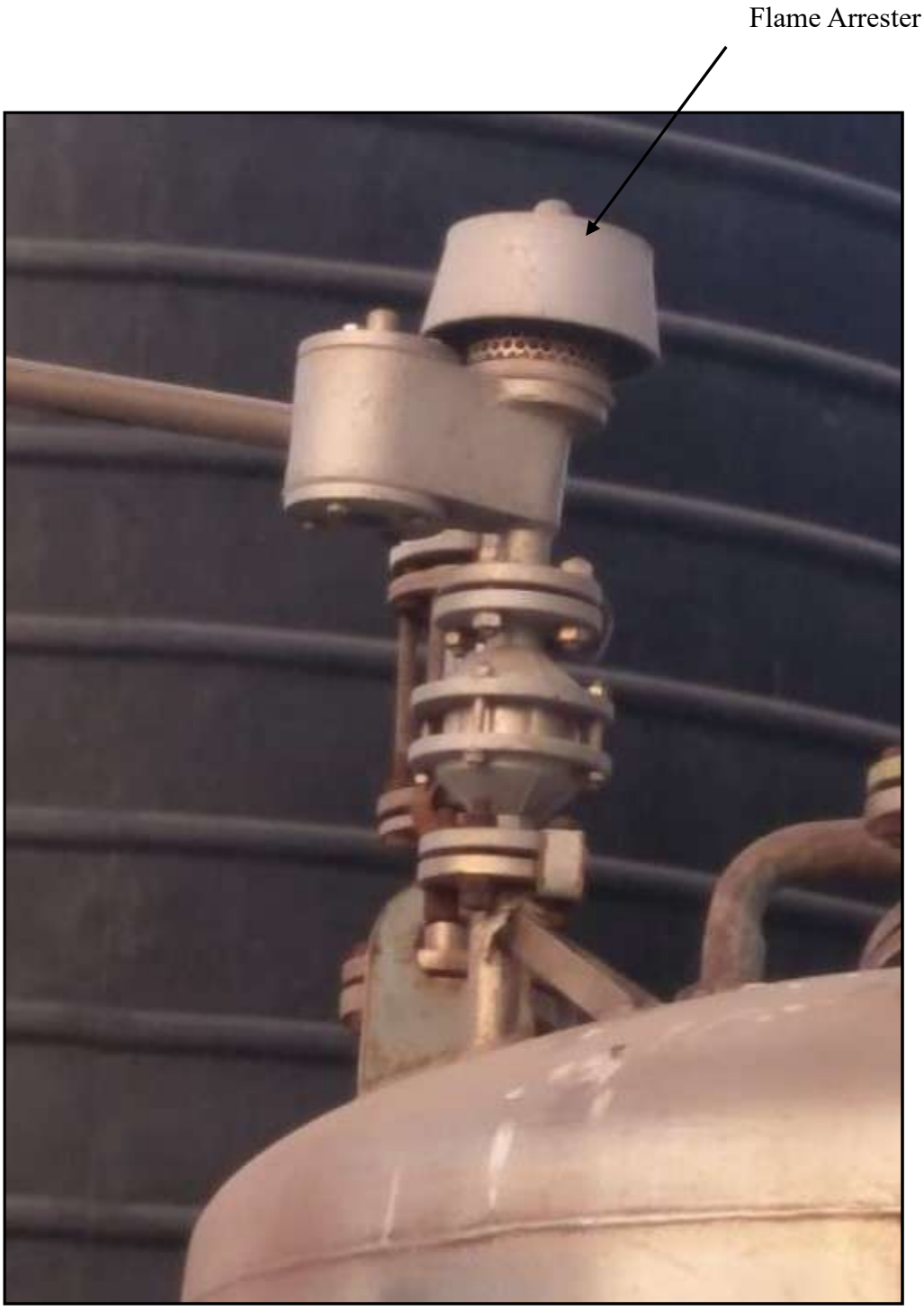
Copy to:

1. The Member Secretary, Gujarat Pollution Control Board Paryavaran Bhavan, Sector 10 A, Gandhinagar, Gujarat -382010.
2. The District Collector, District Vadodara, Uttar Pradesh for necessary action.
3. The Regional Director, Central Ground Water Board, West Central Region, Ahmedabad. This has reference to your recommendation dated 02/08/2017.
4. Guard File 2019-20.

Member (CGWA)

Annexure 15

Photograph of Flame Arrester in Solvent Storage Tank



Annexure 16

MEE Salt & ETP Sludge disposal Summary of Report Period (June'21 to Nov'21)

Type of Hazardous Waste	June' 21	July' 21	Aug' 21	Sept' 21	Oct'21	Nov'21
MEE Salt MT/M	35.68	16.93	14.52	16.65	60.07	276.33
ETP Sludge MT/M	0	0	0	0	0	0

Annexure 17

Process Waste Residue, Date Expired /off specification products disposal Summary of Report Period (June'21 to Nov'21)

Type of Hazardous Waste	June' 21	July' 21	Aug' 21	Sept' 21	Oct'21	Nov'21
Process/ Distillation Residue MT/M	0	0	0	159.51	39.5	9.53
Date Expired Products MT/M	0	0	0	0	0	0.400
Spent Carbon	35.23	27.51	21.83	11.94	0	0
Spent Solvent	284.634	313.99	326.332	210.452	44.516	16.576

Note :- Source of information is Monthly Patrak

Annexure 18

High Calorific Value Waste disposal Summary of Report Period

(June'21 to Nov'21)

Type of Hazardous Waste	June' 21	July' 21	Aug' 21	Sept' 21	Oct'21	Nov'21
Process/ Distillation Residue MT/M	0	0	0	159.51	39.5	9.53
Date Expired Products MT/M	0	0	0	0	0	0.400
Spent Carbon	35.23	27.51	21.83	11.94	0	0
Spent Solvent	284.634	313.99	326.332	210.452	44.516	16.576

Note :- Source of information is Monthly Patrak

GPCB

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar**-382 010
Phone : (079) 23226295
Fax : (079) 23232156
Website : www.gpcb.gov.in

By R.P.A.D.

In exercise of the power conferred under section-25of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 6(2) of the Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 framed under the Environment (Protection) Act-1986.This Board is empowered to grant CC&A.

And whereas Board has received consolidated consent application vide No. **194630** Dated: **25/06/2021** for the consolidated consent and authorization (CC & A-Renewal) of this Board under the provisions / rules of the aforesaid Acts. Consent & Authorization is hereby granted as under.

CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid environmental acts)
To,
M/s. IPCA Laboratories Ltd.
Plot No: 131/1, 134, 135, 136,
Ranu, Tal: Padra, Dist: Vadodara- 391445.

1. Consent Order no.: **AWH-114400**. Date of issue: **26/08/2021**.
2. The consent shall be valid up to **31/12/2024** for the use of outlet for the discharge of treated effluent & air emission and to operate industrial plant for manufacture of the following items / products:

Sr. No.	Product	Total Quantity
1.	Extraction of Artemisinin	1.18 MT/Year
2.	Arte Range Products	0.40 MT/Year
3.	Frusemide DMF	0.40 MT/Year
4.	Losartan Potassium	480 MT/Year
5.	Allopurinol	0.1 MT/Year
6.	Ramipril	0.1 MT/Year
7.	Lisnopril	0.5 MT/Year
8.	4,7 DCQ	0.5 MT/Year
9.	Amodiaquine HCL/Base	0.5 MT/Year
10.	Chloroquine phosphate	0.5 MT/Year
11.	Quetiapine Hemifumarate	2.0 MT/Year
12.	Gabapentene	0.5 MT/Year
13.	Mesalamine	0.5 MT/Year
14.	Mycophenolic Acid	0.1 MT/Year
15.	Rapamycin/Sirolimus	0.01 MT/Year
16.	Serrationpeptidase	0.1 MT/Year
17.	Tacrolimus	0.01 MT/Year
18.	Tramadol	0.1 MT/Year
19.	Febuxastat	0.1 MT/Year
20.	R&D Products	1.2 MT/Year
21.	Valsartan OR N-1(2'cyanobiphenyl-4yl)Methyl]-(L)-Valinemethyl Ester Hydrochloride	100 MT/Year
22.	Phathalazinone	0.5 MT/Year
23.	Recemic Cyanodiol	0.4 MT/Year

24.	Silodosin	0.1 MT/Year
25.	Donepezil	0.2 MT/Year
26.	Telmisartan	6.0 MT/Year
27.	Omeprazole	0.5 MT/Year
28.	Esomaprazole	0.5 MT/Year
29.	Etodolac	1.5 MT/Year
30.	Sodium Valporate	1.5 MT/Year
Total		600 MT/Year

3. SPECIFIC CONDITIONS

3.1 Applicant shall comply with the all the conditions stipulated by the Ministry of Environment, Forests & Climate Change, New Delhi/ State Level Environment Impact Assessment Authority, Gujarat, vide their Environmental Clearance letter no. P. No J-110II/353/2010/-IA II (I) dated. 18/1/2013.

3.2 Applicant shall obtain prior permission of Central Ground Water Authority for withdrawal of ground water/use of bore wells. (if applicable)

3.3 Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46).

4. CONDITION UNDER THE WATER ACT 1974:

4.1 The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall be not exceed **185** KL/Day.

4.2 The quantity the domestic wastewater (sewage) shall not exceed **30** KL/Day.

4.3 The entire industrial effluent after treatment shall be recycled/ reuse in process and evaporated into Multi Effect Evaporator to achieve zero discharge condition. (i.e ZLD condition shall manitain)

4.4 Sewage shall be treated separately to conform to the following standards and utilized on land for irrigation/ plantation gardening within the factory premises.

Parameter	**Permissible Limit**
BOD (5days at 20°C)	Less than 20mg/l
Suspended Solids	Less than 30mg/l
Residual Chlorine	Minimum 0.5mg/l

5 CONDITIONS UNDER AIR ACT 1981:

5.1 The following shall be used as fuel in Boiler & D. G. Set respectively.

Sr. No.	**Fuel**	**Quantity**
1.	Briquettes / Coal /Natural gas	As per requirement
2.	HSD	As per requirement

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

5.3 The flue gas emission through stack attached to Boiler & D. G. Set shall conform to the following standards:

Sr. No.	**Stack Attached To**	**Stack Height**	**APCM**	**Parameter**	**Permissible Limit**
1.	Boiler (3 TPH)	30.5 Meter	Dust collector + Bag filter + Water	Particulate Matter SO_2 NO_x	150 mg/NM^3 100 ppm 50 ppm

GPCB

GUJARAT POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN
Sector-10-A, **Gandhinagar**-382 010
Phone : (079) 23226295
Fax : (079) 23232156
Website : www.gpcb.gov.in

			scrubber		
2	D.G. Set 1000 KVA	6 Meter	Acoustic System		

5.4 The process gas emission through stack/vent attached to various reactors, process vessel shall conform to the following standards:

Stack No.	Stack Attached To	Stack Height	APCM	Parameter	Permissible Limit
1.	Plant-1	20 Meter	Scrubber	HCL	20 mg/Nm^3
2.	Plant-4	20 Meter	Scrubber		

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

5.6 The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10meters from the source) other than the stack/vent) shall not exceed the following levels. Applicant shall comply with the National Ambient Air Quality Standards notified by Central Pollution Control Board, New Delhi time to time under the provision of the Environment (Protection) Act-1986.

Parameter	Permissible Limit Annual	Permissible Limit 24 Hrs. Average
Particulate matter-$_{10}$[PM10]	60 Microgram/m^3	100 Microgram/m^3
Particulate matter-$_{2.5}$[PM2.5]	40 Microgram/m^3	60 Microgram/m^3
Sulphur Dioxide	50 Microgram/m^3	80 Microgram/m^3
Nitrogen Dioxide	40 Microgram/m^3	80 Microgram/m^3
HCL	---	200 Microgram/m^3

5.7 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

5.8 There shall no any fugitive emission and/or odour pollution due to manufacturing activities and ancillary operations. Adequate measures shall be taken thereof.

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

6. GENERAL CONDITIONS: -

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

6.2 If the products/process falls in SCHEDULE-I or II of the Environmental Audit Scheme, as specified in the order dated 13/3/97 of Hon. High Court in MCA NO.326/97 in SCA No.770/95, the applicant shall also abide by the said scheme.

DPPatel

7 **AUTHORIZATION UNDER HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES-2016 FORM-2 (See rule 6(2)).**

7.1 Number of authorization and date of issue: **AWH-114400** dated: **26/08/2021.**

7.2 Reference of application No. **194630** Dated: **25/06/2021**.

7.3 **M/s. IPCA Laboratories Ltd.** is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, treatment, storage, transport of hazardous wastes on the premises situated at Plot No: 131/1, 134, 135, 136, Ranu, Tal: Padra, Dist: Vadodara- 391445.

7.4 Details of Authorization.

Sr. No.	Category of Hazardous waste as per the Schedules	Authorized Mode of disposal	Quantity
1.	5.1– Schedule-I (Used Spent Oil)	Generation, Collection, storage, transport & Disposal by selling to registered /authorized refiner having valid CCA of GPCB & Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and xgn generated manifest.	1.5 MT/Year
2.	28.1– Schedule-I (Process Residue & waste)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF (Incineration / Landfilling) / Sent to cement industry for co-processing / Sent to pre-processer or waste mix facilities having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	15 MT/Year
3.	28.3– Schedule-I (Spent Carbon)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF (Incineration / Landfilling) / Sent to cement industry for co-processing / Sent to pre-processer or waste mix facilities having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	90 MT/Year
4.	28.2– Schedule-I (Spent Catalyst)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF (Incineration) / Sent to cement industry for co-processing / Sent to pre-processer or waste mix facilities having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	0.6 MT/Year
5.	28.4– Schedule-I (off specification products/Date expired material)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF (Incineration / Landfilling) / Sent to cement industry for co-processing / Sent to pre-processer or waste mix facilities having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	12.4 MT/Year

GPCB

GUJARAT POLLUTION CONTROL BOARD

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6.	28.6– Schedule-I (Spent Solvent)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF (Incineration) / Sent to cement industry for co-processing / Sent to pre-processer or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and xgn generated manifest.	1200 MT/Year
7.	33.1 – Schedule-I (Discarded containers/Barrels/ Liners/Contaminated with hazardous waste/Chemicals/wastes contaminated cotton rags or other cleaning materials)	Generation, Collection, storage, transport & disposal by sending to registered / authorized recycler having valid CCA of GPCB & Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and xgn generated manifest / decontaminated facility within premises.	500 MT/Year
8.	35.2– Schedule-I (Spent Ion Exchange Resins)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest OR treatment in ETP.	0.4 MT/Year
9.	35.3 – Schedule-I (Chemical Sludge from wastewater treatment)	Collection, storage, transport & Disposal by sending to approved authorized TSDF / Sent to cement industry for co-processing / Sent to pre-processer or waste mix facilities having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	240 MT/Year
10.	35.3– Schedule-I (Salt from MEE plant)	Generation, Collection, storage, transport & disposal by sending to approved authorized TSDF having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	720 MT/Year
11.	35.4– Schedule-I (Oil & grease skimming from ETP)	Generation, Collection, storage, transport & disposal by sending to approved authorized TSDF having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	0.5 MT/Year
12.	36.1– Schedule-I (Distillation residue from organic solvent)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF (Incineration / Landfilling) / Sent to cement industry for co-processing / Sent to pre-processer or waste mix facilities having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	50 MT/Year
13.	Spent Caustic	Generation, Collection, storage & treatment within premises in ETP.	150 MT/Year

14.	Spent Sulphuric Acid	Generation, Collection, storage & treatment within premises in ETP.	120 MT/Year
15.	28.1– Schedule-I Process Residue & Waste (DMH Layer)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF / Sent to cement industry for co-processing / Sent to pre-processer or waste mix facilities having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest / treatment within premises in ETP.	1032 MT/Year
16.	28.1– Schedule-I Process Residue & Waste (NaBr Solution)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF (Incineration / Landfilling) / Sent to cement industry for co-processing / Sent to pre-processer or waste mix facilities having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest / treatment with in premises in ETP.	1296 MT/Year
17	Other Waste (Insulation waste, glass wool, Themocol waste, Non recycle plastic waste, Glass waste, Discarded cementing materials, Plant chips/residue.etc)	Generation, Collection, storage, transport & Disposal by sending to approved authorized TSDF having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	300 MT/Year

7.7.1 The Authorization shall be valid for a period of **31/12/2024**.

7.5 GENERAL CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (M&TM) RULES-2016.

7.5.1 The Authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

7.5.2 The Authorization or its renewal shall be produced for inspection at the request of an officer Authorized by the State Pollution Control Board.

7.5.3 The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.

7.5.4 Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.

7.5.5 The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;

7.5.6 The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"

7.5.7 It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.

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7.5.8 The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.

7.5.9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.

7.5.10 The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.

7.5.11 The importer or exporter shall bear the cost of import or export and mitigation of damages if any.

7.5.12 An application for the renewal of an authorization shall be made as laid down under these Rules.

7.5.13 Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

7.5.14 Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

7.6 SPECIFIC CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (M&TM) RULES-2016.

7.6.1 The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.

7.6.2 Handing over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user.

7.6.3 In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.

7.6.4 The occupier of the facility shall Comply Standard operating procedure/ guidelines published by MOEF & CC or CPCB or GPCB form time to time.

7.6.5 Unit shall Comply provisions of E-Waste Management Rules-2016.

7.6.6 The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.

For and on behalf of
Gujarat Pollution Control Board

DPShah

(D.P. Shah)
Senior Environmental Engineer

NO.GPCB/CCA-VRD-1631(6)/ID:30549/

Issued To:
M/s. IPCA Laboratories Ltd.
Plot No: 131/1, 134, 135, 136,
Ranu, Tal: Padra, Dist: Vadodara- 391445.

Copy To:
1. Unit: 12

Annexure-20 : List of Fire Extinguishers

USAFE

UNITED FIRE & SAFETY SERVICES

MFG. & SUPPLIER OF FIRE FIGHTING APPLIANCES AND SAFETY EQUIPMENTS

336/33/A - G.I.D.C. Industrial Estate, Behind Dr. & Dr. Co., Makarpura, Vadodara - 390010.
Tel : 2658054, M - 9825017798 • info@unitedfiresafety.in

FIRE EXTINGUISHER SERVICE REPORT

CUSTOMER NAME : IPCA LABORATORIES LIMITED.(RANU)

SERVICE DATE : 21/07/2021.

SR.NO.	LOCATION	TYPE OF FIRE EXTINGUISHER	CAPACITY	CYL./CART. EMPTY WEIGHT	CYL./CART. FULL WEIGHT	CYL./CART .ACT.WEIGHT	PRESSURE GAUGE	HANDLE, SAFETY PIN.	HOSE & NOZZLE	POERDER & CO2 GAS	H.P.T. DUE DATE	REMARKS
1	ADMIN ENTER	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
2	ADMIN ENTER	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
3	ADMIN ENTER	CO2	4.5 KG	OK	10.08	16.68	OK	OK	OK	OK	OK	
4	ADMIN ENTER	CO2	4.5 KG	OK	10.04	16.72	OK	OK	OK	OK	OK	
5	ADMIN ENTER	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
6	ONYX	CO2	4.5 KG	10.03	OK	14.04	OK	OK	OK	OK	OK	
7	ONYX	CO2	4.5 KG	10.6	OK	16.93	OK	OK	OK	OK	OK	
8	ONYX	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
9	ONYX	CO2	4.5 KG	10.01	OK	13.07	OK	OK	OK	OK	OK	
10	ONYX	DCP	6 KG	768	878	880	OK	OK	OK	OK	OK	
11	ONYX	DCP	6 KG	724	844	850	OK	OK	OK	OK	OK	
12	CRD	CO2	4.5 KG	10.09	OK	16.65	OK	OK	OK	OK	OK	
13	CRD	DCP	6 KG	865	965	1000	OK	OK	OK	OK	OK	
14	CRD	CO2	4.5 KG	10.8	OK	16.09	OK	OK	OK	OK	OK	
15	CRD	DCP	6 KG	733	858	870	OK	OK	OK	OK	OK	
16	CRD	CO2	4.5 KG	10.02	OK	15.6	OK	OK	OK	OK	OK	
17	CRD	DCP	6 KG	718	833	840	OK	OK	OK	OK	OK	
18	CRD	DCP	4.5 KG	768	888	890	OK	OK	OK	OK	OK	
19	AUTO CLAVE ROOM	ABC	6 KG	OK	OK	16.3	OK	OK	OK	OK	OK	
20	AUTO CLAVE ROOM	M.FOAM	9 LTR	716	836	860	OK	OK	OK	OK	OK	
21	AUTO CLAVE ROOM	CO2	4.5 KG	10.05	OK	16.49	OK	OK	OK	OK	OK	
22	CANTEEN	CO2	4.5 KG	10.05	16.98	OK	OK	OK	OK	OK	OK	

UNITED FIRE & SAFETY SERVICES VADODARA

23	CANTEEN	ABC	6 KG	OK	OK	16.17	OK	OK	OK	OK	OK	
24	CANTEEN	CO2	4.5 KG	10.03	17.13	OK	OK	OK	OK	OK	OK	
25	CANTEEN	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
26	DATA CENTER	CO2	4.5 KG	10.07	16.78	OK	OK	OK	OK	OK	OK	
27	DATA CENTER	ABC	2 KG	OK	OK	OK	OK	OK	OK	OK	OK	
28	DATA CENTER	CO2	4.5 KG	10.02	OK	16.91	OK	OK	OK	OK	OK	
29	DATA CENTER	CO2	4.5 KG	10.02	OK	16.05	OK	OK	OK	OK	OK	LOW PRESSURE
30	DATA CENTER	ABC	2 KG	OK	OK	OK	OK	OK	OK	OK	OK	
31	DATA CENTER	CO2	4.5 KG	10.02	OK	16.1	OK	OK	OK	OK	OK	
32	DATA CENTER	ABC	2 KG	OK	OK	17.06	OK	OK	OK	OK	OK	
33	DATA CENTER	CO2	4.5 KG	10.02	OK	16.19	OK	OK	OK	OK	OK	
34	DATA CENTER	ABC	2 KG	OK	OK	OK	OK	OK	OK	OK	OK	
35	DATA CENTER	CO2	4.5 KG	10.08	OK	16.97	OK	OK	OK	OK	OK	
36	DATA CENTER	ABC	2 KG	OK	OK	OK	OK	OK	OK	OK	OK	
37	QA	WATER CO2	9 LTR	755	875	910	OK	OK	OK	OK	OK	
38	QA	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
39	QC	CO2	4.5 KG	10.01	OK	16.53	OK	OK	OK	OK	OK	
40	QC	DCP	6 KG	744	864	890	OK	OK	OK	OK	OK	
41	QC	CO2	4.5 KG	10.02	OK	16.98	OK	OK	OK	OK	OK	
42	QC	DCP	6 KG	733	853	880	OK	OK	OK	OK	OK	
43	QC	CO2	4.5 KG	10.4	OK	16.58	OK	OK	OK	OK	OK	
44	QC	DCP	6 KG	770	890	890	OK	OK	OK	OK	OK	
45	QC	CO2	4.5 KG	1000	OK	16.45	OK	OK	OK	OK	OK	
46	QC	DCP	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
47	QC	CO2	4.5 KG	10.75	OK	16.96	OK	OK	OK	OK	OK	
48	WAREHOUSE	CO2	4.5 KG	10.01	OK	16.45	OK	OK	OK	OK	OK	
49	WAREHOUSE	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
50	WAREHOUSE	CO2	4.5 KG	10.03	OK	16.53	OK	OK	OK	OK	OK	
51	WAREHOUSE	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
52	WAREHOUSE	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	

53	WAREHOUSE	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
54	WAREHOUSE	CO2	4.5 KG	10.02	OK	16.42	OK	OK	OK	OK	OK	
55	WAREHOUSE	DCP	6 KG	735	855	860	OK	OK	OK	OK	OK	
56	CHEMICAL STORAGE	M.FOAM	9 LTR	766	886	900	OK	OK	OK	OK	OK	
57	CHEMICAL STORAGE	M.FOAM	9 LTR	845	965	980	OK	OK	OK	OK	OK	
58	CHEMICAL STORAGE	M.FOAM	9 LTR	780	900	980	OK	OK	OK	OK	OK	
59	CHEMICAL STORAGE	M.FOAM	9 LTR	632	722	750	OK	OK	OK	OK	OK	
60	CHEMICAL STORAGE	DCP	6 KG	633	723	740	OK	OK	OK	OK	OK	
61	CHEMICAL STORAGE	DCP	6 KG	722	842	860	OK	OK	OK	OK	OK	
62	CHEMICAL STORAGE	CO2	4.5 KG	627	717	720	OK	OK	OK	OK	OK	
63	CHEMICAL STORAGE	CO2	4.5 KG	640	730	740	OK	OK	OK	OK	OK	
64	BLOCK 1	CO2	4.5 KG	840	960	970	OK	OK	OK	OK	OK	
65	BLOCK 1	M.FOAM	9LTR	738	858	890	OK	OK	OK	OK	OK	
66	BLOCK 1	DCP	6 KG	OK	OK	17.6	OK	OK	OK	OK	OK	
67	BLOCK 1	M.FOAM	9 LTR	870	990	1000	OK	OK	OK	OK	OK	
68	BLOCK 1	DCP	6 KG	OK	OK	16.46	OK	OK	OK	OK	OK	
69	BLOCK 1	DCP	6 KG	636	726	730	OK	OK	OK	OK	OK	
70	BLOCK 1	CO2	4.5 KG	720	840	850	OK	OK	OK	OK	OK	
71	BLOCK 1	M.FOAM	9 LTR	OK	OK	16.3	OK	OK	OK	OK	OK	
72	BLOCK 1	DCP	6 KG	766	886	900	OK	OK	OK	OK	OK	
73	BLOCK 1	DCP	6 KG	609	710	710	OK	OK	OK	OK	OK	
74	BLOCK 1	CO2	4.5 KG	755	875	880	OK	OK	OK	OK	OK	
75	BLOCK 1	CO2	4.5 KG	759	879	890	OK	OK	OK	OK	OK	
76	BLOCK 1	M.FOAM	9 LTR	755	875	880	OK	OK	OK	OK	OK	
77	BLOCK 1	DCP	6 KG	755	875	890	OK	OK	OK	OK	OK	
78	BLOCK 1	CO2	4.5 KG	758	888	890	OK	OK	OK	OK	OK	
79	BLOCK 1	DCP	6 KG	762	782	890	OK	OK	OK	OK	OK	
80	BLOCK 1	CO2	4.5 KG	762	882	900	OK	OK	OK	OK	OK	
81	BLOCK 1	M.FOAM	9 LTR	752	872	16.68	OK	OK	OK	OK	OK	
82	BLOCK 1	DCP	6 KG	OK	OK	17.1	OK	OK	OK	OK	OK	
83	BLOCK 1	CO2	4.5 KG	OK	OK	OK	OK	OK	OK	OK	OK	
84	BLOCK 1	DCP	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	

85	BLOCK 1	M.FOAM	9 LTR	OK	OK	17.27	OK	OK	OK	OK	OK	
86	SRP	DCP	6 KG	761	1881	1880	OK	OK	OK	OK	OK	
87	SRP	M.FOAM	9 LTR	765	885	910	OK	OK	OK	OK	OK	
88	SRP	M.FOAM	9 LTR	540	630	640	OK	OK	OK	OK	OK	
89	SRP	DCP	6 KG	758	878	886	OK	OK	OK	OK	OK	
90	SRP	M.FOAM	9 LTR	755	875	900	OK	OK	OK	OK	OK	
91	SRP	DCP	6 KG	755	875	900	OK	OK	OK	OK	OK	
92	SRP	MF	9 LTR	755	875	800	OK	OK	OK	OK	OK	
93	SRP	DCP	6 KG	769	878	880	OK	OK	OK	OK	OK	
94	P.P.AREA	DCP	6 KG	744	864	870	OK	OK	OK	OK	OK	
95	P.P.AREA	DCP	6 KG	766	886	900	OK	OK	OK	OK	OK	
96	P.P.AREA	DCP	6 KG	855	975	1010	OK	OK	OK	OK	OK	
97	P.P.AREA	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
98	P.P.AREA	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
99	P.P.AREA	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
100	P.P.AREA	ABC	6 KG	860	980	1010	OK	OK	OK	OK	OK	
101	P.P.AREA	WATER CO2	4.5 KG	540	630	740	OK	OK	OK	OK	OK	
102	P.P.AREA	WATER CO2	4.5 KG	550	640	660	OK	OK	OK	OK	OK	
103	LBR PLANET	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
104	LBR PLANET	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
105	LBR PLANET	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
106	LBR PLANET	CO2	4.5 KG	10.4	OK	17	OK	OK	OK	OK	OK	
107	LBR PLANET	M.FOAM	9 LTR	733	853	870	OK	OK	OK	OK	OK	
108	LBR PLANET	CO2	4.5 KG	10.04	OK	17.2	OK	OK	OK	OK	OK	
109	LBR PLANET	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
110	LBR PLANET	M.FOAM	9 LTR	750	870	890	OK	OK	OK	OK	OK	LOW PRESSURE
111	D.D.H	M.FOAM	9 LTR	OK	OK	OK	OK	OK	OK	OK	OK	
112	D.D.H	M.FOAM	9 LTR	OK	OK	OK	OK	OK	OK	OK	OK	LOW PRESSURE
113	D.D.H	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
114	D.D.H	CO2	4.5 KG	10.03	OK	16.88	OK	OK	OK	OK	OK	
115	D.D.H	M.FOAM	9 LTR	550	640	540	OK	OK	OK	OK	OK	
116	D.D.H	M.FOAM	9 LTR	733	853	890	OK	OK	OK	OK	OK	
117	WDDH	M.FOAM	9 LTR	761	881	880	OK	OK	OK	OK	OK	
118	WDDH	M.FOAM	9 LTR	758	878	890	OK	OK	OK	OK	OK	LOW PRESSURE
119	WDDH	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
120	UTILITY	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	

121	UTILITY	CO2	4.5 KG	10.02	OK	17.05	OK	OK	OK	OK	OK	
122	UTILITY	CO2	4.5 KG	11.02	OK	16.7	OK	OK	OK	OK	OK	
123	UTILITY	CO2	4.5 KG	6.86	OK	9.4	OK	OK	OK	OK	OK	
124	UTILITY	CO2	4.5 KG	10.07	OK	16.84	OK	OK	OK	OK	OK	
125	UTILITY	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
126	BLOCK 4	CO2	4.5 KG	10.02	OK	16.6	OK	OK	OK	OK	OK	
127	BLOCK 4	DCP	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
128	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
129	BLOCK 4	CO2	4.5 KG	10.03	OK	16.94	OK	OK	OK	OK	OK	
130	BLOCK 4	CO2	4.5 KG	10.03	OK	17.12	OK	OK	OK	OK	OK	
131	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
132	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
133	BLOCK 4	CO2	4.5 KG	10.03	OK	17.12	OK	OK	OK	OK	OK	
134	BLOCK 4	M.FOAM	9 LTR	550	640	650	OK	OK	OK	OK	OK	
135	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
136	BLOCK 4	CO2	4.5 KG	10.04	OK	16.97	OK	OK	OK	OK	OK	
137	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
138	BLOCK 4	W.CO2	9 LTR	687	727	750	OK	OK	OK	OK	OK	
139	BLOCK 4	CO2	4.5 KG	10.04	OK	16.38	OK	OK	OK	OK	OK	
140	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
141	BLOCK 4	CO2	4.5 KG	10.01	OK	16.71	OK	OK	OK	OK	OK	
142	BLOCK 4	M.FOAM	9 LTR	540	630	650	OK	OK	OK	OK	OK	
143	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
144	BLOCK 4	M.FOAM	9 LTR	550	640	640	OK	OK	OK	OK	OK	
145	BLOCK 4	CO2	4.5 KG	10.01	OK	16.04	OK	OK	OK	OK	OK	sticker not ok
146	BLOCK 4	CO2	4.5 KG	11.01	OK	15.8	OK	OK	OK	OK	OK	
147	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
148	BLOCK 4	CO2	4.5 KG	10.03	OK	16.23	OK	OK	OK	OK	OK	
149	BLOCK 4	M.FOAM	9 LTR	OK	OK	OK	OK	OK	OK	OK	OK	
150	BLOCK 4	CO2	4.5 KG	10.03	OK	16.36	OK	OK	OK	OK	OK	
151	BLOCK 4	M.FOAM	9 LTR	540	630	650	OK	OK	OK	OK	OK	
152	BLOCK 4	CO2	4.5 KG	11.02	OK	17.53	OK	OK	OK	OK	OK	
153	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
154	BLOCK 4	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	

155	BLOCK 4	M.FOAM	9 LTR	637	727	750	OK	OK	OK	OK	OK	
156	BLOCK 4	CO2	4.5 KG	10.03	OK	16.5	OK	OK	OK	OK	OK	
157	RO PLANT	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
158	C.C.ROOM	DCP	6 KG	860	980	990	OK	OK	OK	OK	OK	
159	C.C.ROOM	CO2	4.5 KG	10.02	OK	16.57	OK	OK	OK	OK	OK	
160	C.C.ROOM	DCP	6 KG	763	883	870	OK	OK	OK	OK	OK	
161	C.C.ROOM	CO2	4.5 KG	10.04	OK	16.61	OK	OK	OK	OK	OK	
162	C.C.ROOM 1	CO2	4.5 KG	10.02	OK	16.41	OK	OK	OK	OK	OK	pipe horn not ok
163	BOILER	W.CO2	9 LTR	550	640	700	OK	OK	OK	OK	OK	
164	BOILER	W.CO2	9 LTR	OK	OK	OK	OK	OK	OK	OK	OK	
165	BOILER	CO2	4.5 KH	10.4	OK	16.5	OK	OK	OK	OK	OK	
166	WORKSHOP	DCP	6 KG	763	883	880	OK	OK	OK	OK	OK	
167	ETP	M.FOAM	9 LTR	757	877	890	OK	OK	OK	OK	OK	
168	ETP	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
169	ETP	CO2	4.5 KG	10.02	OK	16.9	OK	OK	OK	OK	OK	
170	MEE	CO2	4.5 KG	10.02	OK	16.5	OK	OK	OK	OK	OK	
171	MEE	CO2	4.5 KG	10.03	OK	16.62	OK	OK	OK	OK	OK	
172	MEE	CO2	4.5 KG	10.02	OK	17.17	OK	OK	OK	OK	OK	sticker not ok
173	MEE	DCP	6 KG	746	866	900	OK	OK	OK	OK	OK	
174	RO PLANT	CO2	4.5 KG	10.04	OK	16.7	OK	OK	OK	OK	OK	
175	RO PLANT	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
176	HAZAD WASTE STORE	CO2	4.5 KG	10.02	OK	17.98	OK	OK	OK	OK	OK	
177	HAZAD WASTE STORE	M.FOAM	9 LTR	OK	OK	OK	OK	OK	OK	OK	OK	
178	HAZAD WASTE STORE	M.FOAM	9 LTR	500	590	600	OK	OK	OK	OK	OK	
179	HAZAD WASTE STORE	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
180	SCRAP YARD	DCP	6 KG	EMPTY	EMPTY	EMPTY	EMPTY	EMPTY	EMPTY	EMPTY	EMPTY	NEED REFILLING
181	SCRAP YARD	M.FOAM	9 LTR	760	880	890	OK	OK	OK	OK	OK	
182	SCRAP YARD	W.CO2	9 LTR	696	816	820	OK	OK	OK	OK	OK	
183	P.C.C.ROOM 2	DCP	6 KG	763	883	890	OK	OK	OK	OK	OK	
184	SOLVANT YARD	M.FOAM	9 LTR	621	711	730	OK	OK	OK	OK	OK	

185	SOLVANT YARD	M.FOAM	9LTR	662	722	740	OK	OK	OK	OK	OK	
186	SOLVANT YARD	M.FOAM	9 LTR	632	722	750	OK	OK	OK	OK	OK	
187	SOLVANT YARD	M.FOAM	9 LTR	766	886	900	OK	OK	OK	OK	OK	
188	SOLVANT YARD	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
189	BORWELL	CO2	4.5 KG	5	OK	7.7	OK	OK	OK	OK	OK	
190	AOCP	CO2	4.5 KG	10.04	OK	17.29	OK	OK	OK	OK	OK	
191	AOCP	M.FOAM	9 LTR	550	640	640	OK	OK	OK	OK	OK	
192	AOCP	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
193	EMG STORE	DCP	6 KG	770	890	910	OK	OK	OK	OK	OK	
194	EMG STORE	CO2	4.5 KG	10.03	OK	17.8	OK	OK	OK	OK	OK	
195	EMG STORE	M.FOAM	9 LTR	737	877	890	OK	OK	OK	OK	OK	
196	CYLINDER YARD	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
197	CYLINDER YARD	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
198	SECURITY GATE	CO2	4.5 KG	10.01	OK	15.96	OK	OK	OK	OK	OK	
199	SECURITY GATE	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
200	SECURITY GATE	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	
201	SECURITY GATE	CO2	4.5 KG	9.9	OK	16.46	OK	OK	OK	OK	OK	
202	H.T ROOM	CO2	4.5 KG	11.1	OK	16.91	OK	OK	OK	OK	OK	
203	STP	DCP	6 KG	763	883	880	OK	OK	OK	OK	OK	
204	STP	DCP	6 KG	770	890	910	OK	OK	OK	OK	OK	
205	PUMP HOUSE	CO2	4.5 KG	10.04	OK	16.7	OK	OK	OK	OK	OK	
206	PUMP HOUSE	ABC	6 KG	OK	OK	OK	OK	OK	OK	OK	OK	

Mock Drill Report

IPCA Laboratories LTD, Ranu

Date: 27/11/2021	**Time: 15:15 PM**	**Place: Block-4**		
Scenario:	Fire	~~Explosion~~	~~Chemical Spillage~~	~~Gas Release/Toxic Release~~
Description of Scenario: Fire broke out in tank farm area ground floor (Block-04) due to static charge generation on the ground floor out side of Block-4.				

Chronology of the Events

Time	Event
15:15 PM	Fire broke out in tank farm area ground floor (Block-04) due to static charge generation on the ground floor out side of Block-4.
15:15 PM	Tank farm operator was present near to the victim, who rushed towards the block-4 near the area by shouting “ FIRE - FIRE ” for the help and to inform plant in-charge.
15:16 PM	Tank farm operator informed to Security Main Gate (7444) for incident of fire at Block- 4 ground floor out side area.
15:16 PM	Message received at main gate by security supervisor and informed to his security in charge and OHC, HR , Department.
15:17 PM	Block-4 person and ERT team were rushes towards incident spot

	with the fire extinguishers to extinguish the fire.
15:18 PM	Safety team and security team rushed to the incident spot with ambulance.
15:19 PM	Search all the area and one casualty (Manish Chavda) found from the area and rescue done by rescue team and given first aid at the location by OHC person.
15:20 PM	After first aid given victim send to OHC for treatment.
15:21 PM	Safety officer (Thakorbhai and Sunil yadav) and emergency team with ERT members started fire fighting with fire extinguisher and ask the exact location of fire to plant person Mr. Gaurav Chuahan to extinguish the fire.(Used 3 Nos. nos. Fire extinguisher: 02 Nos. Foam fire Ext. and 01 Nos. ABC).
15:21 PM	Other personnel present at Block-4 went to the nearest assembly point.
15:25 PM	Incident brought under controlled by safety and ERT team and emergency team.
15:26 PM	All clear given by shift in-charge.
15:28 PM	Review meeting conducted at safe assembly point along with emergency fire team, employees and emergency team.

Observation by Observers

SN	Positive Observation
1.	Incident information sent to emergency number 7444 done in good manner.
2.	Message conveyed and received immediately
3.	Ambulance reached at the spot at right time.
4.	Reaction of Safety and Security team was excellent. They rushes towards incident spot within short duration of time.
5.	Fire extinguishing method of fire team and block-4 person was correct one.
6.	The incident was handled very smoothly.

Opportunity for Improvement

SN	Observation	Recommendation
1.	Main Gate Security personnel did not inform to Safety dept. about the incident in Block-4.	Emergency communication system is required to develop at Main Gate (TCD: Dec-21)
2.	No response from surrounding blocks and people.	Dos and Don’ts during emergency condition awareness program shall be arranged for awareness.(TCD: Dec-21)
3.	Contractor personnel present in nearby were not take any action during the scenario.	Dos and Don’ts during emergency condition awareness program shall be arranged for awareness.(TCD: Dec-21)

Observer Details

SN	Name	Department	Designation
1.	Mr. Sohil Patel	Block-4	Sr. Executive
2.	Mr. Pradip Srivastava	Block-4	Sr. Executive
3.	Mr. Suresh Patel	EHS	Asst. Manager
4.	Mr. Rajesh Rohit	EHS	Sr. Officer

Fire observed at block-4 tank farm area

Ambulance coming at incident location

Area person coming at incident spot and found one casualty

The Area person and rescue person take stretcher for casualty shift to OHC.

Shifting of casualty to OHC

ERT members take fire extinguisher for fire fighting.

The emergency team take fire extinguisher and start fire fighting

The emergency team take fire extinguisher and start fire fighting

	
Shifting of casualty to OHC by ambulance	**By OHC person (Mahesh Rajput) given treatment to casualty**
	
By OHC person (Mahesh Rajput) given treatment to casualty	**By OHC person (Mahesh Rajput) given treatment to casualty**

By OHC person (Mahesh Rajput) given treatment to casualty

Annexure-22 : Periodic Medical Health Check up

DR. KAILASH AGARWAL
M.B.B.S., D.O.I.H. (GENERAL PHYSICIAN) CONSULTING INDUSTRIAL PHYSICIAN
REGISTRATION No. (G)-24223,

SL00680

MEDICAL CHECKUP FORM

DATE: 21/8/21

NAME OF EMPLOYEE: Shantinath hatgire

DESIGNATION/POSITION: Plot plant

AGE: HEIGHT(Cms): 164 WEIGHT(Kgs):

PULSE RATE : 80 /Min

BLOOD PRESSURE: 140/80 mm OF Hg

Any Cardiac abnormality: no

General Observation: Normal

Spo2 : 98% Normal

Contagious Diseases:

(1) Trachoma
(2) Scabies
(3) Leprosy
(4) (STD): / NO

Disease or illness

- *Jaundice :*
- *Diarrhea :*
- *Vomiting :* / NO
- *Fever :*

- ** Sore throat with Fever :*
- ** Visibly infected skin :*
- ** Discharge from nose, eye or ear* / NO
- ** Asthma*

Opthalmic checkup

Colour Vision : Normal

Visual Activity:

	Right Eye	Left Eye
Distance	6/6	6/6
Near	N6	N6
Final Correction	—	—

Remarks: Normal

CERTIFICATE

On examination he/~~she~~ has not found to be suffering from any infection/ contagious disease / open cuts and wounds of fever.
In my opinion he/~~she~~ is fit for carrying out his/~~her~~ normal work.

Dr. Kailash Agarwal
M.B.B.S., D.O.I.H.
Reg.No.(R) 016912 (G) 24223

Signature with seal

9, Earth Bunglows, Akshar chowk, Near Hero Honda Showroom, Old padra Road, Vadodara. (M) 9824263700 (H) 0265-2338718.

Kalyan Path Laboratory

GF-6, Angan Tower,Opp. Bhavan's School, Makarpura Road, Baroda.
Ph. 0265 - 2634625. Email : kalyanpathlab@gmail.com

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF ISO 9001:2015

Name	*SHANTINATH HATGINE 500680*	*Date*	*27/08/2021*
Age/Sex	*M*		
Ref.By.DR.	*IPCA*	*Lab No.*	[illegible]

HAEMATOLOGY REPORT

INVESTIGATIONS	RESULT	UNITS	REFERENCE RANGE
Heamoglobin	16.0	gm/dl	M: 13 - 18, F:11.5-16.5
RBC Count	4.44	/cumm	M:4.2 - 6.5,F:3.9-5.6
P.C.V	47.10	%	34-54
M.C.V.	106.08	fl	79-101
M.C.H	36.04	pg	26-36
M.C.H.C.	33.97	g/dl	31-37
Total Count(WBC)	8000	/cumm	4000-10500
Differential WBC Count			
Polymorphs	69	%	40-75
Lymphocytes	26	%	20-45
Eosinophils	01	%	1-6
Monocytes	04	%	2-10
Basophils	00	%	0-1
R.D.W.(C.V.)	15	%	11.0 - 18.0
Platelet Count	264	X1000	150 - 400 /cumm
Malarial Parasites	Not Detected	Thick & Thin Smear	

Analysed by Celtec Alpha - Fully Automated Haematology Analyzer from NIHON KOHDEN ,JAPAN.

BIOCHEMISTRY

INVESTIGATIONS	RESULT	UNITS	REFERENCE RANGE
Random Blood Sugar	89.6	mg/dl	< 140
Creatinine	0.93	mg/dl	0.5 - 1.5
S.G.P.T(ALT)	24.7	U/L	5 - 45

Dr Rakesh Singh(M.D)

Dr. Rakesh N. Sing
M.D. Pathology

Kalyan Path Laboratory

GF-6, Angan Tower,Opp. Bhavan's School, Makarpura Road, Baroda.
Ph. 0265 - 2634625. Email : kalyanpathlab@gmail.com

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF
ISO 9001:2015

NAME	MR. SHANTINATH HATGINE 500680	DATE	27/08/2021
AGE/SEX	M		
REF.BY.DR.	IPCA	LAB NO.	

LIPID PROFILE

INVESTIGATIONS	RESULT	UNITS	REFERENCE RANGE
S.CHOLESTEROL	217	mg/dl	130-240
HDL CHOLESTEROL(Direct)	42.8	mg/dl	30-65
LDL CHOLESTEROL	94.8	mg/dl	upto 130
V.L.D.L	79.4	mg/dl	5-40
TRIGLYCERIDES	397	mg/dl	upto 170
CHOL / HDL RATIO	5.07		N: <4.0 , Ab.: >5.0
LDL Chol/HDL Chol	2.21		

NEW ATP III GUIDELINES

LDL CHOLESTEROL	CHOLESTEROL	HDL CHOLESTEROL	TRIGLYCERIDES
Optimal < 100	Desirable < 200	Low < 40	Normal 150
Near Optimal 100-129	Borderline high 200-239	High > 60	Borderline High 150-190
Borderline High 130-159	High > 240		High 200-499
High 180-189			Very High > 500
Very High > 190			

=> LDL Cholesterol level is primary goal for treatment and varies with risk category and assessment.
=> Risk assessment from HDL and Triglycerides has been revised. Also LDL goals have changed.
=> Ref. Range Cho : HDL ratio 2.5 - 4.5

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Remarks

Dr Rakesh Singh(M.D)

Dr. Rakesh N. Sing
M.D. Pathology

Kalyan Path Laboratory
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ISO 9001:2015

Name	MR. SHANTINATH HATGINE 500680	Date	27/08/2021
Age/Sex	M		
Ref.By.DR.	IPCA	Lab No.	PRE-A36

ROUTINE URINE ANALYSIS

Sample	Random
PHYSICAL EXAMINATION	
Colour	Pale Yellow
Appearance	Clear
CHEMICAL EXAMINATION	
Protein	Absent
Sugar	Absent
Ketone	Absent
Blood	Absent
Bilirubin	Absent
Urobilinogen	Normal
pH	6.5
Sp. Gravity	1.020
BS & BP	NEGATIVE
MICROSCOPIC EXAMINATION(Per hpf)	
Epithelial Cells	0 - 1
Pus Cells	Absent
Red Blood Cells	Absent
Casts	**Absent**
Crystals	Absent

(+) Spread imported reagent strip (+) After centrifugation at 2500 RPM for 10 min

Dr Rakesh Singh(M.D)

Dr. Rakesh N. Sing
M.D. Pathology

Annexure-23 : Training Records on Chemical Handling

Training Attendance Record

Name of Faculty: Suresh Patel
Topic:- Chemical Handling work
Date:- 08/11/21 Time :- 15:15

Sr. No.	Name of Employee	Employee Code	Dept.	Signature
01	Jaya. Vankar	500503	EHS	[signature]
02	Maheshkumar C. Rajput	500485	EHS	[signature]
03	Khodabhai Jadav	500250	EHS	[signature]
04	[illegible]	Chamunda	EHS	N.H.J
05	Jadav Vijaysinh	501150	EHS	[signature]
06	Rathod UPENDRA	shanti	EHS	U.B.R
07	Ranjit Parmar	shanti	EHS	R.M.P
08	sunil chauhan	shanti	EHS	Sunil
09	Ajit Jadav	chamunda	EHS	[signature]
10	pintu Dabhi	chamunda	EHS	[signature]
11	Bhavesh Patel	chamunda	EHS.	B.M.P
12	Himmat R. Padhiyar	shanti	EHS	[signature]
		N/A		

Name of Trainer:- Suresh Patel

Signature of Trainer:- [signature]
08/11/21

Health Register No 32

As per Annexure- No. 29

Annexure 25

Greenbelt Photographs

Annexure 26

Public Hearing Compliance Report

Sr. No	Name & Address	Point represented	Reply from the project proponent	Compliance Status
1.	Sri Pravinsinh Udesinh Sindha, ex. Sarpanch, Village-Muval, Tal. -Padra, Dist-Vadodara	He said that they welcomed to the project and the project and the project would cause the development of village Ranu, Mahuvad and the other nearby villages. He said that there was problem of discharge arises when industries do not get permission to discharge into ECP. Then, the company tries to discharge wastewater by under hand means, thus polluting the ground water sources. If the industries contributed towards socio-economic development then he said that he welcomed to the project. He added that industry should contribute towards the education and employment of the youth of surrounding areas. He also hoped that the company and villagers worked in harmony.	The senior official of IPCA stated that their was a 35 years old company with Rs. 2000 Crores turnover in which 8500 people served in India and 500 served abroad. He said that the company already had a CSR policy for health, education,etc. And the company ranked within 100 in a survey of the 100 best employees in India in which about 5000 companies took part.	Complied. The unit adopted Zero Liquid Discharge by installation of ETP, RO & MEE plant and recycle entire RO permeate. The unit is doing CSR activity in neighboring villages & provides employment to youth in the factory.
2.	Sri Narendrabhai Nagjibhai Patel, member, Taluka Panchayat, Village-Ranu, Tal.-Padra, Dist.-Vadodara	He said that he was happy that industry was coming up in their village. He also said that as long as the company worked in harmony with people, they were welcomed by the villagers. He added that the industry should trained fresh pass out student of 10^{th} and 12^{th} and absorb them in the company. He said that wish the company starts operations as early as possible and the villagers will give all co-operation necessary.	---	Complied. The unit has employed various fresh and experienced employee & workers of neighboring village and the unit has started its operations.
3.	Shri	He stated that Ranu village	---	Noted

	Jayantibhai Lallubhai Patel, Ex. Chairman, APMC, Village-Ranu, Tal.-Padra, Dist. Vadodara	was fortunate to get project like IPCA in their area. He then said that when the land for the company was purchased in 1998, the farmers got lacks of rupees at that time. It was the first time that village Ranu saw this much money. He further added that the all obstacles in the villagers so that industry achieves the target. When the company progress, it will contribute towards the socio-economic development of the surrounding villages.		
4.	Shri Prafulbhai Nagjibhai Patel, Village-Ranu, Tal.-Padra, Dist-Vadodara	He said that they are happy the company is finally coming up in their village after wait of @ 20 years.He added that they pray that the company develops and progress. However, the given up their fertile land for them and hence should fulfill all commitments made in the presentation especial regarding pollution control and employment of opportunities. He suggested that the company could adopt the village for its development. He also added that the committee comprising of @ 7 members could be made so that the solution to every problem facing either the company or the villagers could be resolved amicably.	---	Noted. The unit has adopted ZLD system at site and is doing various CSR activities in coordination with neighboring villagers.
5.	Shri Chandubhai Poonambhai Padiyar, Village-Narsinpura, Tal.- Padra, Dist.-Vadodara	He disappointedly stated what was the use of this type of public hearings, where, in spite of their oppositions, the companies were always granted environment clearance. He said that according to the presentation, the company was going to dispose large amount of	---	Noted. The company is maintaining zero liquid discharge and reuse entire treated sewage/ RO permeate. The unit has

		wastewater into the soak pit, which will result in contamination of ground water. He advised the industry to disposed of their wastewater into the ECP to prevent ground water contamination. He added that leaders of society always advice industrial development reduced unemployment. However in reality, since the industry normally brought work forces from out state like Bihar and hence the local youths could not find employment with them. He asked the industry to absorb the family members of the land losers in the workforce of the company. He also said that the company sincerely operate their Effluent Treatment Facility before discharging into ECP. He also added that ECPL was built in 1983 and at that time the channel was covered by thick slabs on top all of which have already broken. He said that the ECPL officials are answerable to the pollution caused. They have to tell us how many times the ECPL has been repaired. He said that the ECPL collects handsome amount as penalty and toll taxes then why is the repairing not carried out? He said they have to used at least 50% of their income in maintenance of channel. If ECPL does not improve their channel condition then he threatened that the villagers will stage and agitation against them. He said that right now the food, water and house are polluted.		taken all possible measures to prevent air, water & soil pollution. The unit has employed various fresh and experienced employee and workers of neighboring village.

		Requested the industries to let them live in peace with clean water,food and air.		
6.	Shri Natwarsinh Bhikhabhai Padhiyar, Village-Chokari, Tal.-Padra, Dist.-Vadodara	He said that the country needed industrial development. However, when the MoEF team visited the area, they were shown the colored water in the bore well of certain area. The ground water of certain areas is contaminated. If new industries start developing in this new area having a fertile lands it will only take a short while for the greenery like mango trees, drum stick trees, etc. to disappear and area to become polluted. He asked the industry not to draw huge quantity of water of 710 KL/Day from the bore wells and instead make alternate arrangement to use the water of River Mahi located only @ 3KM away. He stated that the industry was going to use 56 MT of coal per day. He said that industry should take necessary air pollution control measures to control air pollution. He also added that the industry generated 18 different type of solid waste and worried about the disposal of same. He further added out of the raw materials to be used, @ 44 of them were hazardous chemicals including hydrogen and bromine so he asked the industry to take adequate safety measures. He informed that there were about 150 industries in the Taluka Padra. And yet Taluka lacked basic facilities like good hospitals, fire stations, high school/	The company representative stated that the money has also been deposited for obtaining the permission from Narmada Canal Authorities to get Narmada water for consumption.	Noted. The unit applied for water from Narmada Canal but it was refused due to limitation of availability of canal water. The unit has got NOC for ground water from CGWB and the fresh water quantity is reduced significantly by adopting zero liquid discharge system & RWH system. To control air pollution the unit is using briquette as fuel in boiler with cyclone separator & bag filter for efficient APC. The unit has provided separate hazardous waste storage area with all necessary facilities and disposed the waste to TSDF

		college/ hostel. The industry should contribute towards the development of the same. The new school could cater to the poor students. He urged the company to give employment to the children of the land losers.		site. Adequate safety measures have been taken for storage and handling of hazardous chemicals and also training in ensured regularly. The unit is doing CSR activity in the area and provide employment to neigbouring villagers.
7.	Shri Rajesh Vogel, Padra Taluka BJP president, Taluka: Padra, District: Vadodara	He informed that the government encourages industrial development. In lieu of the same, they also welcome this industry in the area. He stated that ground water contamination has occurred and is spreading due to the ECPL. He added that the changing of slabs on the top does not constitute remediation. He gave an example saying that if a person suffering from cancer, changes his cloths the disease does not disappear. The same is applicable for the channel. He said that they should replace the complete with a pipeline. This would also stop the use of this water for irrigation by the farmers. Moreover, the ECPL also overflows during monsoon season in the last phase of the channel, thus contaminating	The ECP official present replied that a survey of the effluent channel had been carried out @ 2 yrs back by IIT Roorkee and the upgradations and the renovations have been carried out according to their suggestions. He added that the usage of ECP water for irrigation had reduced to great extent due to the vigilant monitoring by the ECP. He added that nowadays only one or two isolated cases come to light and	Noted.

		land also. He said that skilled labour was not available in Padra hence and ITI could be developed here so that youths could get trained and then be absorbed in the industries. He added that an eco development fund could be set up for carrying out socio-economic activities like provision of primary school, high school, or a veterinary center. He further added that drinking water could be obtained from elsewhere, however the contaminated water from bore wells would be used for daily ablutions like bathing, washing clothes etc., thus leading to a prevalence of skin disease in the area. He concluded by saying that he prayed for success of the industry.	they were stopped immediately.	
8.	Shri Arvindbhai Padhiyar, social worker, Village: Mujpur, Taluka: Padra, Dist. Vadodara	He mentioned that the coal usage of the industry was to the tune of @ 56 MT and SPM generated from his huge quantity of coal, would create air pollution hence suffocation. He added that there is already a prevalence of cancer and other skin diseases in the area and survey is needed to record the same. He added that due to the withdrawals of water in huge quantities by the industries in Padra area, the ground water table has been depleted. Earlier water was found at @ 10 feet and there is no water even at 40 feet. Earlier motor used for withdrawal of water was 7.5 HP which has gone up to 20 HP and now 50 HP motor is needed, which increased the	The company representative stated that coal will be used as fuel only on non availability of gas. Gas was the first preference. And if coal would be used, they would install cyclone and bag filters as air pollution control measures, and this had an efficiency of 99% thus minimizing the air pollution. The company representative replied that the MSDS of the 44 chemicals would	Complied. To control air pollution the unit is using briquette as fuel in boiler with cyclone separator & bag filter for efficient APC. Adequate safety measures have been taken for storage and handling of hazardous chemicals and also training is ensured regularly.

		fiscal burden on the farmers. He further added that the water to to used by this company would be equivalent to the water needs of @10 villages. And hence if the company does not procure Narmada water, the water table will get hugely depleted. He then said that the industry was going to discharge @ 3000 kl to ECPL. He told the panel that the panel that the CCA, given by GPCB, of 146 members of ECPL has already expired. He asked GPCB to give further details on the same. He also said that no industry should get the permission to discharge into ECPL until they complete the maintenance work of the channel. He then asked how many localities would be provided employment by the company? How many of them would be on contract and how many would be directly absorbed in skilled, semi skilled and permanent categories? He added that the company is going to use 44 hazardous chemicals out of which 3 is most hazardous. The details of hazardous chemicals and its effect on living things is not given. He also asked where has the data of literacy rate and employment taken from since Anklav Taluka, Dist Anand shows maximum female employment? Why has Ankalav Taluka literacy and employment has rates been given? He further added that @ 250- 300 accidents take	be given. He added that the literacy rates were obtained from census data which has been published. Ankalav Taluka falls within 10 km radius of factory and has hence been included. The company representative said that the data asked for waste available and could be provided if necessary.	

		place in Padra in a year in which about 100 persons lose their life. This industry would create further traffic problems for this area. He also queried how will the waste water be evaporated in case ECPL does not give permission for discharge? And what would be the cost of same? He also asked when, where and in whose presence was the bore well sampling carried out?		
9.	Shri Parmar, Village: Navapura, Taluka: Padra, Dist: Vadodara	He stated that it was true that there was a lot of pollution this Taluka. He added that farming in the crop productive soil was the live hood of people in this area. The land belonging to IPCA industries was the most productive since it lay between the rivers of Dhadhar and Mahi. He then said that if the industry had to come up here, then they should provide jobs to the people of this area. The youths of village Ranu and nearby villages should be absorbed in the industry. He asked the company to give first priority in jobs to the people from nearby people from nearby villages and not to people from Bihar. He also said that the company could contribute towards a high schools/ college in the village. He ended by saying that they would let the company develop since the company's development meant the progress of village.	---	Complied. The unit is doing CSR activity in the area and provides employment to neighboring villagers.
10.	Shri Ghanshyambhai, Ramanbhai Patel, farmer	He stated that the all the people spoke before him mentioned the pollution in Luna village since the bore well contamination of the area was	The company representative replied that IPCA would take care not to pollute the	Complied. The company has installed zero liquid discharge

	Village: Luna, Ta. Padra, Dist: Vadodara	a burning issue and they had been complaining for the same since 2004 and yet the issue remains unresolved. Neither industries not the ECPL has been closed down by board. He added that clean water was necessity and free water should be provided by the government. He said that development was necessary, but not at the cost of increase in diseases in the area. He also added that 30% - 33% Green belt was always mentioned in the reports but even 10%-16% of the total area was not developed as a green belt usually. He added that the company of Kumar Organics got the EC from the Ministry inspite objections towards the project. He asked where as the green belt in Kumar Organics or Amoli Organics? He also said that the industry intended to discharge 300 KL per Day waste water into the ECPL. He then stated that if the ECPL has no space and does not give permission then the company will discharge waste water into the underground strata by reverse bore. He said that all the problems facing the area regarding the groundwater contamination were genuine however, there were no easy solutions to same.	ground water. The industry representative give commitment that in case the ECPL permission could not be obtained, the industry would maintain Zero discharge by installing RO and MEE.	system by installing ETP, MEE and RO permeate for utility & other uses. The unit has developed over 33% of green belt area.
11.	Shri Arjunsinh Ganpatsinh Padhiyar, Social worker Vill: Chokari, Ta. Padra, Dist.	He said that they welcomed the company since they required the development and jobs. But the requested to the company to take of their requested to the company to take of their pollution issues. He also gave the following	---	Complied. The company has provided adequate pollution control arrangements to maintain its

	Vadodara	suggestion: ● If there is an accident, please give compensation. ● Provide 33% Green Belt area Please give contribute towards education, so that the poor children could study and come forward in life.		site pollution free. The unit has taken group personal Accidental policy & PLI policy for adequate compensation in case of any accident. The unit has developed over 33% of green belt area.
12.	Shri Dilipbhai Jasbhai Patel, Villa. Amla, Ta. Padra, Dist: Vadoara	He said that he welcomed the project in Ranu village even through they could have set it up in Ratlam. He added that they would pray for the progress of the company.	---	Noted
13.	Shri. S.P. Chauhan, Vill. Mujpur, Ta. Padra, Dist. Vadodara	He stated that such a big project would definitely generate jobs, however, fertile land of the farmer was lost forever. Hence, the company should give a clear cut proposal for employment. And they should not take Biharis in the work force. He added that the company had also a moral responsibility for community development. He asked the company to come forth with clear cut five year program on health awareness development, education, etc. He also asked company to give the names of the 44 hazardous company to give the names of the 44 hazardous company to give the names of the 44 hazardous chemicals in English along with MSDS and also to	---	Complied. The unit is doing CSR activity in the area and provides employment to neighboring villagers.

		give the right names and its effects on environment. He further urged the company to take care of surrounding environment.		
14.	Shri Jayeshbhai, Dahyabhai, Patel, Deputy Sarpanch, Vill. Ranu, Ta. Padra, Dist: Vadodara	He stated that the 10 years long wait was over and IPCA was finally there. He said that he welcomed the company, but they should take the local youths for employments. He also added that the company should pay compensation if any of the fields get affected due to pollution by the company and asked for commitment on the same.	---	Noted
15.	Shri Govindbhai, Lallubhai Patel, Vill. Ranu, Ta. Padra, Dist. Vadodara	He asked the company to agree to all the conditions laid by the people. He said that if they failed to stick to their commitments, then the people would start an agitation like Baba Ramdev.	The senior official of IPCA stated that he was happy to see so many people participating in public hearing. He also added that when they give a commitment, they always adhere to their promises.	Noted
16.	Shri Dhanjibhai Ratansinh Padhiyar, Vill. Ekalbara, Ta: Padra, Dist: Vadodara	He said that there were 75 hand pumps in their village of which only three were in usable condition. He also said that there was depletion of the water table in the area, which burdened the farmers. He added that the farmers whose fields/ Crops were affected should be compensated. He further added that the River located only two kms away and hence the company should take water from the river instead of bore wells.	---	Noted. NOC from CGWA is received for ground water use for industrial use and the unit is maintaining zero liquid discharge & rain water harvesting system to conserve ground water source.

17.	Shri Harmansinh, Udesinh Parmar, Vill. Ekalbara Ta. Padra, Dist, Vadodara	He said that gas leakage took place from Transpek Silox a company in Padra on 28/07/2010 and 13 affected people were taken to the SSG Hospital. The appropriate authorities were informed regarding the same, however, no action was taken. He added that public hearing was also false and all industries get the Environmental Clearance despite the protest of the people.	---	Noted. Adequate safety measures and on-site emergency preparedness is ensure to handle any incident.

FORM NO. 37

Register Containing particulars of monitoring of working environment required under Section 7-a (2) (e) (Prescribed under Rule 12-B)

1. Name of the Department / Plant Ipca laboratory Ltd. Ranu
2. Raw materials, by product and finished product involved in the process. IPA, ACETON, MDC, METHANOL, TOLUENE
3. Particulars of sampling Lossartan, Potassium.

Sr. NO.	Location Operation monitored	Identified contaminate	Sampling instrument used	Airborne Contamination			TWA Concentration (As given in Second Schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature person taking samples	Name (In block letters)
				Number of sample	Range	Average						
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
01	Block-1 P/P	Noise	Sound level Meter	01	1.0 M	68.5 dbq	75.0 dbq Ac. GIH	Noise Meter	08	within limit		Ashik Chauhan
02	Block-4 S/F	Noise	Sound level Meter	01	1.0 M	69.0 dbq	75.0 dbq Ac, GIH	Noise Meter	10	Within limit		Ashik Chauhan
03	Utility	Noise	Sound level Meter	01	1.0 M	71.0 dbq	75.0 dbq Ac. GIH	Noise Meter	03	Within limit		Ashik Chauhan
04	R&D F/F	Noise	Sound level Meter	01.	1.0 M	58.5 dbq	75.0 dbq Ac. GIH	Noise Meter	06	Within limit		Ashik Chauhan
05	Boiler	Noise	Sound level Meter	01	1.0 M	71.5	75.0 dbq AC. GIH	Noise Meter	04	Within limit		Ashik Chauhan
06	MEE	Noise	Sound level Meter	01	1.0 M	72.0 dbq	75.0 dbq Ac, GIH	Noise Meter	04	Within limit		Ashik Chauhan

Annexure 28

Rain Water Harvesting Details

BORE WELL STRUCTURE	
Borewell -1 (Old): Near Gowardhan House	**Borewell-2 (New): Near Fire Pump House**
RAIN WATER RECHARGING STRUCTURE	
1. **Near R&D Building (Roof top recharging) :** Only Recharge Well	
2. **Near MCC room of Solvent Tank Farm (Surface Runoff Recharge):** Silt Trap + Recharge Well	
3. **Near STP-2 (Surface Runoff Recharge):** Silt Trap + Recharge Well	
4. **Near Diesel Tank Farm (Storm Drain Runoff Recharge)**: Silt Trap + Recharge Well	
5. **Near Boiler (Storm Drain Runoff Recharge):** Silt Trap + Recharge Well	

TECHNICAL DETAILS OF RAIN WATER RECHARGING SYSTEM

Sr. No.	Technical Details	Quantity	UOM
1.	Drilling of bore of 300 mm dia	180	Ft
2.	Installation of perforated HDPE pipe of 140mm dia	180	Ft
3.	Filling with crushed stone between HDPE pipe and bore hole	2	Tractor
4.	Development of bore with air compressor machine	1	Job
SPECIFICATION OF INJECTION WELL/ RECHARGE WELL			
5.	Excavation Work	1500 mm dia, 17 ft deep	Job
6.	Installation of RCC rings- 1350 mm dia, 300 mm ht and 65 mm thickness	1	Nos.
7.	Reinforced perforated slab- 1200 mm dia, 65mm thickness	1	No.
8.	Reinforced Heavy Duty Ring- 1350 mm dia, 150 mm ht and 150 mm thickness	1	No.
9.	Reinforced covering slab- 1350mm dia and 75 mm thickness	1	Nos.
10.	V- Wire Screen	2	Nos.
11.	Filtration Media bed from bottom to top: 1. Gravel- 50mm Size 2. Crushed Stone- 20mm Size 3. Activated Carbon 4. Charcoal- 25mm to 32mm 5. Crushed Stone- 20mm size 6. Coarse sand	1	Set
SPECIFICATION OF SILT TRAP			
12.	Excavation Work	1200 mm dia, 5 ft deep	Job
13.	RCC Rings- 1100 mm dia, 300 mm dia and 65 mm thickness	5	Nos.
14.	Reinforced Covering Slab- 1100 mm dia and 75 mm thickness	1	Nos.

IMAGES OF RAIN WATER RECHARGING STRUCTURE

Near R&D Building *(Roof Top Recharge)*	***Near MCC Room of Solvent Tank Farm*** *(Surface Runoff Recharge)*
	

Near STP-2

(Surface Runoff Recharge)

Near Diesel Tank Farm *(Storm Drain Runoff Recharge)*	***Near Boiler*** *(Storm Drain Runoff Recharge)*
	

IMAGES OF RAIN WATER RECHARGING STRUCTURE

Guard Pond -1 *(Nr. Boiler)*	***Guard Pond - 2*** *(Nr. Gate- 2)*
	

Guard Pond -3

(Nr. Tank Farm Area)

Guard Pond-4 *(Nr. ETP - RO Plant)*	***Guard Pond- 5*** *(Nr. STP-1)*
	

(28)
(K)

GUJ.GOVT. GAZETTE.
EX.15-2-1995
PART IV A PAGE 25-222

FORM NO. 33

(Presecribed under Rule 68-T and 102)

Certificate of Fitness of employment in hazardous process and Operations.

(TO BE ISSUED BY FACTORY MEDICAL OFFICER)

1. **Serial number in the register of adult workers** :
   પુખ્ત વયના રજી. નો ક્રમ નંબર
2. **Name of the Person examined** : Santosh Kumar Das
   નામ
3. **Father's Name** : Subas Chandra Das
   પિતાનું નામ
4. **Sex** : Male
   જાતી
5. **Residence** : odisha
   રહેઠાણ
6. **Date of birth, if available** : 7/7/98
   જન્મ તારીખ
7. **Name & address of the factory** : IPCA Rany
   ફેકટરીનું સરનામું
8. **The worker is employed/proposed** : ARD Associate
   કામદાર કયાં કામ કરતો હતો ?
   (a) **Hazardous process** :
   ભયજનક પ્રક્રિયા ?
   (b) **Dangerous operation** :
   જોખમી પ્રક્રિયા ?

I certify that I have personally examined the above named whose identification marks are Scattered cut at eyebrow and who is desirous of being employed in above mentioned process/operation and that his/her age, as nearly as can be ascertained from my examination. is 23 years.

In my opinion he/she is fit for employment in the said manufacturing process/operation.

In my opinion he/she is unfit for employment in the said manufacturing process/operation for the reason _____ He/she is referred for further examination to the Certifying Surgeon.

The serial number of previous certificate of _____

Signature or Left hand thumb impression of the person examined :

Signature of the factory Medical Officer : 6/11/2021

DR. MILAN THAKAR
(M.B.B.S.; A.F.I.H.)
Reg. No. G -40635
Occupational Health Physician

Stamp of factory Medical Officer with

Name of the Factory : _____

ફોર્મ નં. ૩૨ (નિયમ ૬૮-ટી અને ૧૦૨ હેઠળ રાખેલ)

FORM No. 32 (Prescribed under Rules 68-T and 102)

આરોગ્ય રજીસ્ટર
Health Register

૧. પ્રૌઢ કારીગર ના રજી. અનું. નં. :
1. Sr. No. Reg. of Adult workers :

૨. કારીગરનું નામ : Santosh kumar Das
2. Name of Worker :

૩. જાતિ : male
3. Sex :

૪. જન્મ તારીખ : 7-7-98
4. Date of Birth

વિભાગ/ કાર્ય Department /Works	જોખમી કાર્યનું નામ Name of Hazardous Processes	જોખમી કારક પ્રક્રિયા Dangerous Processes/operation	કામનો પ્રકાર Nature of Job or occupation	જે કામનો પદાર્થ અથવા આડ પેદાશનું કામ કર્યું હોય તે Raw materials, Products of byproducts likely to be exposed to	નિમણુંક તારીખ Date of Posting	કામ છોડયા અથવા બદલી તારીખ Date of leaving/ transfer-to or transfer	નોકરી છોડવા અથવા બદલી માટેનું કારણ Reasons for discharge/ Leaving or transfer	વૈદકિય તપાસ અને પ્રમાણ પત્ર Medical examination and the results thereof				કામ માટે અયોગ્ય કર્યા હોય તો If declared unfit for work				મેડીકલ ઓફીસર/ સર્જનની તારખ સહીતની સહી Signature with date to the Factory Medical Officer/the Certifying Surgeon
								તારીખ Date	તપાસ દરમ્યાન જાણવામાં આવતા લક્ષણો Signs and symptoms observed during exami-nation	તપાસનો પ્રકાર અને પરિણામ Nature of tests & results there of	યોગ્ય/ અયોગ્ય Result Fit/unift	મોકુફ પયોની મુદત Period of temporary withdrawal from that work	મોકુફ કર્યાનું કારણ Reasons for such with-drawal	મોકુફ કર્યાની તારીખ Date of declaring him unfit for that work	યોગ્યતાનું પ્રમાણ પત્ર આપ્યાની તારીખ Date of Issuing fitness certificate	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
AZD	—	—	Associate	—	—	—	—	9-11-2024	NAD	clinical Blood Urine xcy	fit	—	—	—		DR. MILAN THAKAR (M.B.B.S.; A.F.I.H.) Reg. No. G -40635 Occupational Health Physician

Sparsh
OCCUPATIONAL HEALTH CENTRE
PROMISING EXCELLENCE IN THE FIELD OF OCCUPATIONAL HEALTH SINCE - 2008
ISO 9001:2015 (QUALITY MANAGEMENT SYSTEM) CERTIFIED HEALTH CENTRE

DR. MILAN THAKAR
(M.B.B.S., A.F.I.H.)
101-102, Bhavita Business Hub,
Panchvati Crrossroads, Gorwa, Vadodara-16
Clinic - (0265) 2280380
Website : www.sohc.in
E-Mail - drmilanthakar@gmail.com

:: PERSONAL HEALTH REPORT ::

Name : Santosh kumar Das		Date : 9-11-2021
	Department : AAD Designation : Associate	Sr. No. : 28 Sex : male Age : 23 yrs Height : 163 cm Weight : 59 kg

HISTORY :

Present History : None.
Past Illness History : Diabetes / Hypertension / Tuberculosis / Asthma / Epilepsy : NO
Past Occupational History :
Family History : None.
Personal History :
Addiction : Tobacco / Gutkha / Smoking / Alcohol : NO

GENERAL EXAMINATION :

T.P.R. : N 74 reg B.P. : 130 / 78 mm Hg
Pallor/Icterus/Cyanosis/Varicosity/Lymph Nodes/Thyroid/Oedema/NVE/Other : NAD

SYSTEMIC EXAMINATION :

R.S. : AE BE clear
C.V.S : S1 S2 (N)
C.N.S :
P.S. :
Musculo-skelet System : NAD

E.N.T. Ex. :
Dental Ex :
Skin Ex : NAD
Psychic Ex :

ACUITY OF VISION		RT EYE	LT EYE
Without Glass	Distant	6/6	6/6
	Near	N/6	N/6
With Glass	Distant	6/—	6/—
	Near	N/—	N/—

COLOUR BLINDNESS : NO

REMARK :

ADVISE :

The Candidate is FIT / UNFIT for the assigned job.

Dr. MILAN THAKAR
(M.B.B.S., A.F.I.H.)
Occupational Health Physician

Ipca Laboratories Limited

Block No.132,Village Ranu, Taluka Padra, Vadodara - 391 445.

Date: 9/11/2021

PRE EMPLOYMENT MEDICAL CHECK UP REQUISITION LETTER

Dear Candidate ,

As a part of our company policy you are requested to appear for pre- employment medical check-up at the earliest in the following manner.

Detail for pre employment medical check-up:-

1) Doctor	:-	Dr. Milan Thakar (M.B.B.S., A.F.I.H)
2) Medical Center	:-	Sparsh Occupational Health Center, 101-102,Bhavita Business Hub, Panchvati Crossroads, Gorwa, Vadodara - 16.
3) Timings	:-	5:30 pm To ~~8:30~~ 7 pm
4) Contact No	:-	0265-2280380
5) Documents Required	:-	Our Requisition Form + 1 Passport Photo

6) Test Parameters For medical Check-Up:

a) Clinical Examination

b) Vision Test

c) Blood Test – CBC, RBS, SGPT, S. CREATININE, S. CHOLESTEROL, S. TRIGLYCERIDE, BLOOD GROUP

d) Urine Routine Examination

e) X-ray (Chest)

f) ECG (if above 40 years age)

- Please fix up prior appointment with Dr. Milan Thakar on telephone..
- For this examination, you may need to pay up to Rs. 1000. in cash to the examination doctor & to collect receipt / cash memo for the same.
- You will be reimbursed this amount after 15 days from your date of joining from our Cashier of Accounts Department, subject to your medically fitness..
- You are requested not to inquire further to anyone about status of your medical reports in any condition.
- Company management will directly receive your medical reports on behalf of you.
- The company bears all the rights for selection / rejection of any candidate irrespective of any medical status.
- The company also bears all the rights to retain all the medical reports irrespective of whether you resume the company or not.

Hope for your best co-operation in the matter.

Regards,

Authorized Signatory

Khushbu Raval

HR

Candidate's Sign.

Dr. Milan Thaker

(M.B.B.S, A.F.I.H)

DR. MILAN THAKAR
(M.B.B.S.; A.F.I.H.)
Reg. No. G -40635
Occupational Health Physician

1 PHOTO IS COMPULSORY FOR MEDICAL CHECK-UP

IPCA LABORATORIES LIMITED, RANU

HUMAN RESOURCE AND ADMINISTRATION DEPARTMENT

PRE - EMPLOYMENT / PERIODICAL MEDICAL CHECK UP REPORT

GENERAL

Name of Employee : santosh kumar Das

Father / Husband's Name : subas chandra Das

Date of Birth : 7-7-98

Age : 23.

Place of Birth :

Department : -

OCCUPATIONAL HISTORY

Previous Job Details :

PERSONAL HISTORY

Personal Addictions : None

Known Drugs Reaction : NO

Any Chronic Ailment : NO

Marital Status : -

No. Of Children : -

FAMILY HISTORY

Parents :

Others :

Any Other Remarks : Nil

IPCA LABORATORIES LIMITED, RANU

HUMAN RESOURCE AND ADMINISTRATION DEPARTMENT

PRE - EMPLOYMENT / PERIODICAL MEDICAL CHECK UP REPORT

Name : Santosh Kumar Das.

Identification Mark : cut mark on Rt eyebrow Blood Group : B Positive

Height : 163 cm. Contact No. : -

GENERAL EXAMINATION

Sr. No.	Examination Details	Date 9/11/2021 Month / Year	Month / Year	Month / Year	Month / Year
1	Blood Pressure	130/78			
2	Anaemia	NG			
3	Odema	NG			
4	Neck Glands	NO			
5	Skin	NO			
6	Oral Cavity	N			
7	Audiometric Test	N			
8	Weight	59 kg			

SYSTEMATIC EXAMINATION

9	Cardio Vascular System	S1S2 N			
10	Respiratory System	clear			
11	Gasrointe Intestinal System	NAD			
12	C.N.S	NAD			
13	Eye	Normal			

INVESTIGATION

14	X-Ray	Normal.			
15	Urine Routine	Normal			
16	RBS	120			
Doctor's Sign					
Any Other Remarks		fit for job			
Sign of Employee					

Annexure No.: HRD/005/A/01/01

DR. MILAN THAKAR
(M.B.B.S.; A.F.I.H.)
Reg. No. G -40635
Occupational Health Physician

Sparsh
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DR. MILAN THAKAR
(M.B.B.S., A.F.I.H.)
101-102, Bhavita Business Hub,
Panchvati Crrossroads, Gorwa, Vadodara-16
Clinic - (0265) 2280380
Website : www.sohc.in
E-Mail - drmilanthakar@gmail.com

Name : **SANTOSHKUMAR DAS**
Ref By : DR. MILAN THAKAR
M.B.B.S.; A.F.I.H.

Age/Sex : 23 Yrs./M
Date : 09/11/2021
Report ID. : 28

HAEMOGRAM PROFILE

TEST		RESULT	UNIT	REFERENCE INTERVAL
BLOOD COUNTS & INDICES				
Haemoglobin	:	12.70	gm%	13.5 - 17.0 gm%
Total RBC	:	4.47	mill/cmm	3.6 - 6.2 mill/cmm
Total WBC	:	5,800	/cmm	4,000 - 11,000/cmm
Platelet Count	:	1,91,000	/cmm	1.5 - 4.0 Lac/cmm.
DIFFERENTIAL LEUCOCYTES COUNT				
Neutrophils	:	59	%	55 - 70 %
Lymphocytes	:	36	%	20 - 40 %
Eosinophils	:	03	%	01 - 06 %
Monocytes	:	02	%	02 - 08 %
Basophils	:	00	%	00 - 01 %
Blood Group	:	B POSITIVE		

(Done by Fully Automated Cell Counter ERMA PCE 210, Japan)

BIOCHEMISTRY

Creatinine	:	0.97	mg/dl	Jaffe	0.3-1.4 mg/dl
S.G.P.T.	:	28.0	U/L	IFCC	UP TO 65 U/L
S.G.O.T.	:	18.0	U/L	IFCC	up to 40 U/L
Random Blood Glucose (RBS)	:	120	mg/dl	GOD-PAP	70.00 - 150.00 mg/dl

(Done by Fully Automated BIOSYSTEMS A15 Analyzer, Spain)

EXAMINATION OF URINE

PHYSICAL EXAMINATION

Colour : PALE YELLOW
Reaction : ACIDIC
Transperancy : CLEAR

CHEMICAL EXAMINATION

Sugar : NIL
Occult Blood : ABSENT
Albumin : NIL
Acetone : ABSENT

V. A. Patel

DR. VIRAL A PATEL
M.D. (PATHOLOGY)

Not Valid for Medicolegal Purpose

Sparsh
OCCUPATIONAL HEALTH CENTRE

PROMISING EXCELLENCE IN THE FIELD OF OCCUPATIONAL HEALTH SINCE - 2008
ISO 9001:2015 (QUALITY MANAGEMENT SYSTEM) CERTIFIED HEALTH CENTRE

DR. MILAN THAKAR
(M.B.B.S., A.F.I.H.)
101-102, Bhavita Business Hub,
Panchvati Crrossroads, Gorwa, Vadodara-16
Clinic - (0265) 2280380
Website : www.sohc.in
E-Mail - drmilanthakar@gmail.com

Name : **SANTOSHKUMAR DAS**
Ref By : DR. MILAN THAKAR
M.B.B.S.; A.F.I.H.

Age/Sex : 23 Yrs./M
Date : 09/11/2021
Report ID. : 28

LIPID PROFILE

TEST		RESULT	UNIT	REFERENCE INTERVAL
Serum Cholesterol	:	164.0	mg/dL	100 - 250 mg/dL
Serum Triglyceride	:	204.0	mg/dL	60 - 200 mg/dL
HDL Cholesterol	:	58.0	mg/dL	30 - 70 mg/dL
LDL Cholesterol	:	65.2	mg/dL	Upto 150 mg/dL
CHOL./HDL Chol. Ratio	:	2.82	: 1	Less than 5
LDL Chol/HDL Chol Ratio	:	1.12	: 1	Less than 3.5
VLDL	:	40.80	mg/dL	Upto 30 mg/dL

V. A. Patel
DR. VIRAL A PATEL
M.D. (PATHOLOGY)

Not Valid for Medicolegal Purpose

SPARSH OCCUPATIONAL HEALTH CENTRE

DR. MILAN THAKAR
(M.B.B.S ; A.F.I.H)
Occupational Health physician

101-102, Bhavita Business Hub, Nr. Pujam Hospital,
Panchavati Char Rasta, Gorwa-Refinery Road,
Gorwa, Vadodara – 390016.

REPORT

NO: 28

NAME: SANTOSH KUMAR DAS
SEX/AGE: M / 23
Date: 09/11/2021

INVESTIGATION: CHEST X-RAY PA VIEW

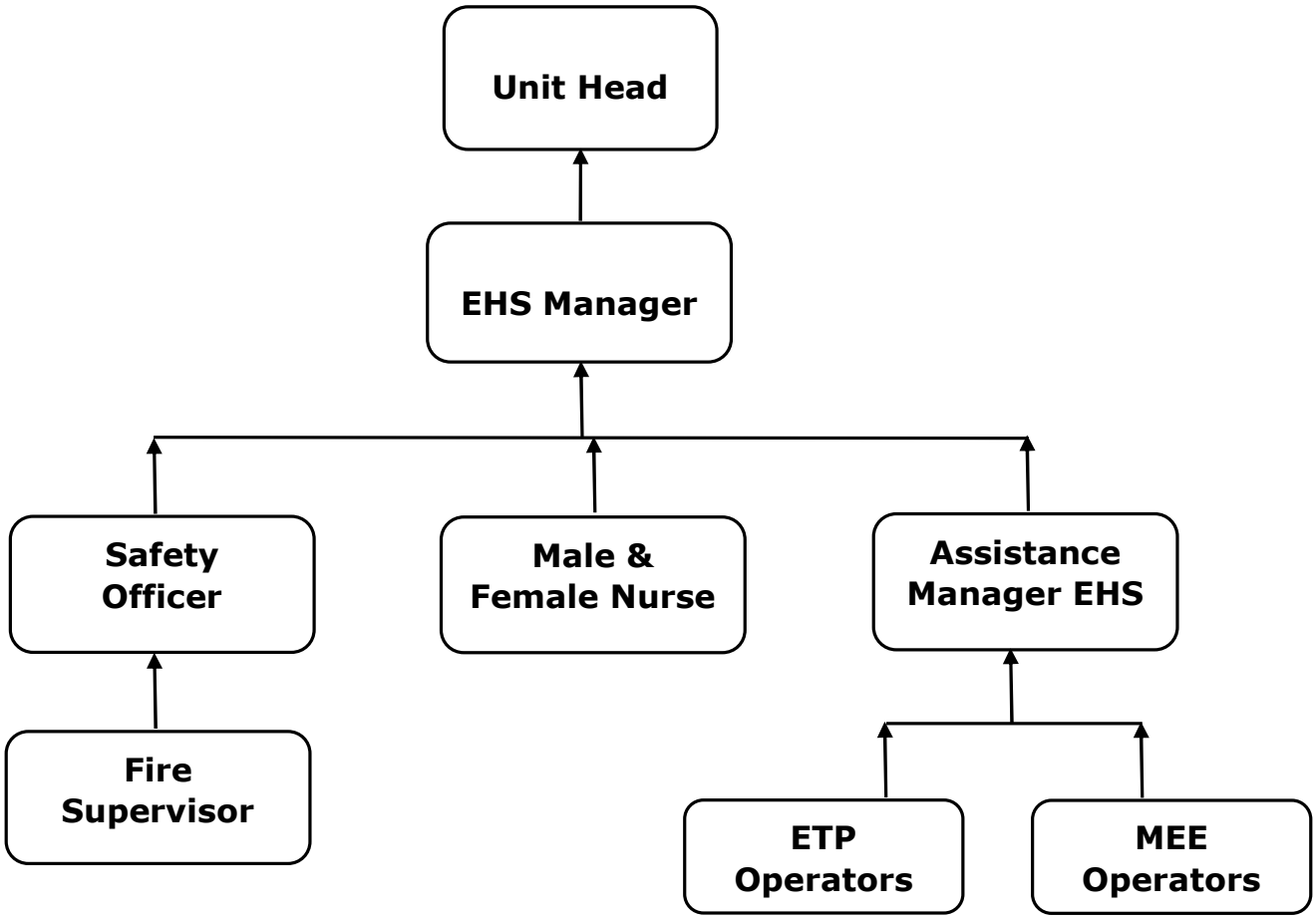
Lungs fields are clear.
Both the cp angles appear clear
Cardiac silhouette appear normal.
Mediastinum appears central

Impression : Normal

DR. BHARAT SHAH
MD (RADIO DIAGNOSIS)
REG NO. G-11617

Annexure 30

EHS Organogram



Date:- 07/08/2021

The Environment Engineer
Gujarat Pollution Control Board,
Sector 10A, Paryavaran Bhavan,
Gandhinagar – 382010.

PCB ID - 30549

Sub: Environment Statement (Form V) for the Year 2020-2021

Respected Sir,

Herewith submitting Environment Statement for Year 2020-2021.

Thanking you,

Yours faithfully,
For IPCA Laboratories Ltd

Authorised Signatory

Encl.: Form V

IPCA LABORATORIES LTD. RANU

Ipca Laboratories Ltd.
www.ipca.com
Block No. 132, Village Ranu, Taluka Padra, Vadodara 391 445 (Gujarat), India | T: +91 70690 99681 / 82 / 83 / 84
Regd. Office: 48, Kandivli Industrial Estate, Kandivli (West), Mumbai 400 067 (Maharashtra), India | T: +91 22 6647 4444
E: ipca@ipca.com CIN: L24239MH1949PLC007837

ENVIRONMENT STATEMENT (FORM-V)

(See Rule 14)

Environmental Statement for the financial year ending 31st March, 2021

(FY: 2020-2021)

PART:A			
i	Name and address of the owner/ occupier of the industry operation or process	:	Mr. A.K. Jain 48,Kandivali Industrial Estate, Kandivali (West), Mumbai- 400067, India
ii	Industry Category Primary -(STC code) Secondary- (STC code)	:	Large Scale Industry (API Manufacturing)
iii	Production Capacity	:	600 MT/Year
iv	Date of last Environment Statement report submitted	:	04,Sept 2019

* Submission of Environmental Statement is in accordance with the provisions of rule – 14 of the Environment (Protection). Amendment Rules, 1993 of the Environment (Protection) act, 1986 (29 of 1986) published vide notification dated 22/04/1993 G.S.R. 386(E) in the Gazette of India-Extraordinary – Part-II Section – 3 subsection (i), no. 155 dated 28-4-1993 by the Ministry of Environment and Forests, Government of India; read with the Notification dated 13-3-1993 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 7 Control of Pollution) Act, 1981 (14 of 1981) or both or authorization under the Hazardous Wastes (Management and Handling) Rules, 1989 Published under the Environment (Protection) Act, 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

i. Water Consumption in m^3/day : **Refer Annexure -I**

Process
Cooling
Domestic
Others

	Name of Products	Process water consumption per unit of products	
		During the previous Financial Year 2019-20	During the current Financial Year 2020-21
a	Losartan Potassium	331.242	405.111 MT
b	Silodosin	0.1133	0.0515 MT
c	Valsartan	8.58	0.0
d	R&D Products	0.0055	0.0886 MT
e	Donepezil		0.0075 MT
	Total	**339.940**	**405.25872 MT**

Details are attached in Annexure II

ii Raw Material Consumption :

Name of Raw Materials	Name of Products	Consumption of raw material per unit of output	
		During the previous Financial Year	During the current Financial Year
---	---	**Refer Annexure - III**	

PART : C

Pollution Discharged to Environment/ unit of output

(*Parameters as specified in the consent issued*)

	Pollutants	Quantity of pollutants discharged	Concentration of pollutants discharged (mass/ volume)	Percentage of variation from prescribed standards with reasons
A	Water		**Refer Annexure - IV**	
B	Air		**Refer Annexure - V**	

PART : D

Hazardous Wastes

(As specified under Hazardous Wastes (Management and handling) Rules, 1989)

Hazardous Waste	Total Quantity (kg.)	
	During the previous Financial Year 19-20	During the current Financial Year 20-21
A From Process	**Refer Annexure- VI**	**Refer Annexure - VII**
B From pollution control facilities		

PART : E

Solid Wastes

(As specified under Hazardous Wastes (Management and handling) Rules, 1989)

Hazardous Waste	Total Quantity (kg.)	
	During the previous Financial Year	During the current Financial Year
A From Process	NA	NA
B From pollution control facilities		

PART: F

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

Refer Annexure - VIII

PART: G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

- Zero liquid discharge system has saved 18624 KL of fresh water in the year by reusing RO permeate in place of fresh water.
- The treated sewage from STP (23729 KL/Year) is utilized for landscaping use and thereby reduced fresh water consumption.

PART : H

Additional investment proposal for environmental protection and abatement of pollution.

- Additional scrubbers as air pollution control measures will be installed to control any fugitive emissions.

PART : I

Miscellaneous

Any other particular in respect of environment protection and abatement of pollution.

- Extensive green belt has developed and maintained at site so as to control any fugitive emission and improve environment.

Annexure I

Water Consumption

Sr. No.	Month-Year	Fresh Water Used (KL)	Water Consumed (KL)			
			Cooling & Boiler	Domestic	Biodegradable	Non Biodegradable
1	Apr-20	6086	1343	3146	1597	0
2.	May-20	6372	995	3696	1681	0
3.	June-20	6054	1035	3322	1697	0
4.	July-20	5886	906	2397	2583	0
5.	Aug-20	5678	727	1580	3101	0
6.	Sept-20	5588	689	2027	2872	0
7.	Oct-20	5815	1455	1824	2536	0
8.	Nov-20	5016	966	1854	2196	0
9.	Dec-20	5318	882	1881	2555	0
10.	Jan-21	3268	738	500	2030	0
11.	Feb-21	3971	752	622	2597	0
12.	March-21	4628	916	880	2832	0

Note:

- 18624 KL of RO permeate was used for Utility make up during the financial year.
- Domestic use includes landscaping use also & the entire treated sewage (23729 KL/Y) is utilized for green belt irrigation & landscaping.

ANNEXURE - VI

Disposal of Hazardous Waste in FY 2020-21

Sr. No.	Type of Waste	Quantity (MT/Y)	Quantity of Waste Disposed (MT)											
			Apr-20	May-20	June-20	July-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	March-21	Total
1.	Used/ spent oil	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Process/ Distillation Residue	15	9.04	0	0	0	0	0	0	0	0	0	0	0	9.04
3.	Spent Carbon	90	12.02	16.12	10.97	18.99	23.82	0	0	0	0	0	0	0	81.92
4.	Spent Catalyst	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Date- expired, discarded and off specification drugs/ medicines	12.4	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Spent Organic Solvents	1200	42.73	74.47	75.42	72.636	77.686	123.546	187.344	89.513	100.232	142.59	297.91	202.399	1486476
7.	Discarded containers/ barrels/ liners/ fiber drums contaminated with hazardous waste/ chemicals	500 Nos.	0	0	0	0	0	0	0	0	0	6.68	22.61	17.61	46.9
8.	Spent ion exchange resins	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0

9.	Chemical sludge from waste water treatment	960	70.43	131.8	48.19	48.39	53.13	0	212.02	161.82	151.85	112.92	141.16	84.06	1230.5
Sr. No.	**Type of Waste**	**Quantity (MT/Y)**	**Quantity of Waste Disposed (MT)**												
			Apr-20	**May-20**	**June-20**	**July-20**	**Aug-20**	**Sep-20**	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**March-21**	**Total**
10.	Oil & Grease skimming from ETP	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	Distillation residue from contaminated organic solvent	50	0	0	0	0	0	0	0	0	0	43.22	0	0	43.22
12.	Spent Caustic	150	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Spent Sulphuric acid	120	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	DMH Layer	1032	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NaBr Layer	1296	0	0	0	0	0	0	0	0	0	0	0	0	0
16.	Insulation Waste	---	0	0	0	0	0	0	0	9.04	0	0	4.09	0	13.130

ANNEXURE - VI

Disposal of Hazardous Waste in FY 2019-20

Sr. No.	Type of Waste	Quantity (MT/Y)	Quantity of Waste Disposed (MT)											
			Apr-19	May-19	June-19	July-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	March-20	Total
1.	Used/ spent oil	1.5	0	0	0	0	0	0	0	0	1.064	0	0	0	1.064
2.	Process/ Distillation Residue	15	8.27	0	0	0	0	0	0	0	0	0	0	0	8.27
3.	Spent Carbon	90	14.19	6.81	6.06	9.53	0	9.39	3.75	6.87	10.21	7.73	9.65	5.61	89.8
4.	Spent Catalyst	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Date- expired, discarded and off specification drugs/ medicines	12.4	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Spent Organic Solvents	1200	30.56	27.31	155.8	55.83	67.95	104.7	85.7	49.55	114.3	165.19	102.4	95.57	1054.9
7.	Discarded containers/ barrels/ liners/ fiber drums contaminated with hazardous waste/ chemicals	500 Nos.	0	0	0	0	0	0	0	0	0	24.07	0	0	24.07
8.	Spent ion exchange resins	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Chemical sludge from waste water treatment	960	123.6	30.74	27.71	62.98	16.84	41.16	13.13	47.6	135.3	171.33	82.11	68.16	820.9

Sr. No.	Type of Waste	Quantity (MT/Y)	Quantity of Waste Disposed (MT)											
			Apr-19	May-19	June-19	July-19	Aug-19	Sept-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar.-20	Total
10.	Oil & Grease skimming from ETP	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	Distillation residue from contaminated organic solvent	50	0	0	9.83	0	0	0	0	0	0	0	0	0	9.83
12.	Spent Caustic	150	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Spent Sulphuric acid	120	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	DMH Layer	1032	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	NaBr Layer	1296	0	0	0	0	0	0	0	0	0	0	0	0	0
16.	Insulation Waste	---	0	0	0	0	0	0	0	0	0	24.07	0	0	24.07

ANNEXURE - III

Raw Material Consumption

Sr. No.	Name of Products	Name of Raw Material	Quantity required per MT of product
1.	Losartan Potassium	Dimethyl Formamide	Na
2.		Anhydrous zinc chloride	NA
3.		OTBN	684.21 Kg
4.		Sodium Azide	553.32 Kg
5.		Sodium Nitrite	211.14 Kg
6.		Conc. HCl	770 L
7.		Toluene	7560 L
8.		Trityl Chloride	NA
9.		Methanol	6818 L
10.		Methylene dichloride	3318 L
11.		N-bromo succinamide	NA
12.		Benzoyl Peroxide	NA
13.		Sodium bicarbonate	37.05 Kg
14.		Caustic flakes	798.62 Kg
15.		BCFI	555.41 Kg
16.		TBAB	69.22 Kg
17.		Ethyl Acetate	NA
18.		Potassium Carbonate	NA
19.		Activated Carbon	277.78 Kg
20.		Petroleum Ether	NA
21.		Acetone	3260 L
22.		Iso Propyl Alcohol	4205 L
23.		Sodium Borohydride	74.86 Kg
1.	Valsartan	L-Valine	869.57 Kg
2.		Thionyl Chloride	1428.70 Kg
3.		Methanol	4350 L
4.		Sodium Bicarbonate	4471.30 Kg
5.		Br. OTBN	1739.13 Kg
6.		Tetra Butyl Ammonium Bromide (TBAB)	56.09 Kg
7.		Potassium Iodide	18.70 Kg
8.		Acetic Acid	74.35 kg
9.		RM4/ Valsartan/Stage- I-2	1100 kg
10.		Mix Xylene	12175 L
11.		Valeryl chloride	869.57 Kg
12.		Tri Ethyl Amine	173.91 Kg
13.		Sodium Azide	962.61 Kg

14.		Tri Butyl Tin Chloride (TBTC)	3850.87 Kg
16.		Sodium Hydroxide	1155.22 Kg
17.		Ammonium Chlosride	770 Kg
18.		RM-7/Valsartan/ STAGE -5	1503.04 Kg
19.		Activated Carbon BW 320	160.87 Kg
20.		Methylene chloride	11720 L
21.		Hydrochloric acid	915 L
22.		RM-8	130.43 Kg
1.	**Silodosin**	ACB	208 kg
2.		TFS	139.36 kg
3.		Acetonitrile	2400 L
4.		Potassium Iodide	8.32 kg
5.		Potassium Carbonate	168.48 kg
6.		Sodium hydroxide	150 kg
7.		Methanol	3400 L
8.		Toluene	3650 L
9.		Glacial Acetic Acid	140 kg
10.		DMSO	842 kg
11.		Hydrogen peroxide	91.2 kg
12.		Sodium sulfite	79.04 kg
13.		Sodium bi carbonate	24.32 kg
14.		Sodium chloride	50.16 kg
15.		Ethyl acetate	5650 L

KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company (MoEF Approved)

871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

Certificate No.: TC-7099

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – EFFLUENT

REPORT NO.: FEB25/024/09 (ULR- TC709921000002428F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246 – 024FB21EF01	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 04.02.2021	5.	Sample Collected By: Mr. Kajal Bhattcharjee
6.	Analysis commenced on: 05.02.2021	7.	Analysis Completed on: 18.02.2021
8.	Reporting Date: 22.02.2021	9.	Discipline : Chemical
10.	Packing Condition & Quantity: Sealed √	11.	Group : Pollution and Environment
12.	Sampling Location: RO Permeate	13.	Product: Waste Water
14.	Sampling Method: IS:3025 (Part 1)-1987		

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	pH		:	6.64	N.A.	APHA: 23rd Edition (4500-H^+ B)
2.	Temperature	°C	:	27.1	N.A.	APHA: 23rd Edition (2550 B)
3.	Colour	Pt-CO	:	<1	N.A.	APHA: 23rd Edition (2120 B)
4.	Total Dissolved Solids	mg/L	:	180	N.A.	APHA: 23rd Edition (2540 C)
5.	Suspended Solids	mg/L	:	12	N.A.	APHA: 23rd Edition (2540 D)
6.	COD	mg/L	:	12	N.A.	APHA: 23rd Edition (5220 B)
7.	BOD (3 days at 27 °C)	mg/L	:	3	N.A.	IS 3025 PP-44
8.	Oil & Grease	mg/L	:	<1	N.A.	APHA: 23rd Edition (5520 B)
9.	Ammonical Nitrogen	mg/L	:	4.38	N.A.	IS 3025 (PP 34)
10.	Chlorides	mg/L	:	29.99	N.A.	APHA: 23rd Edition (4500 Cl^- B)
11.	Sulphates	mg/L	:	5.38	N.A.	APHA: 23rd Edition (4500 SO^4 E)
12.	Sulphide	mg/L	:	<1	N.A.	IS : 3025 (Part 29)
13.	Residual Chlorine	mg/L	:	<0.1	N.A.	IS : 3025 (Part 26)
14.	Bio-Assay Test		:	Pass	N.A.	IS 6582 Part-2, 2001

Remark :

Authorised By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 15 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

KADAM ENVIRONMENTAL CONSULTANTS

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871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

Certificate No.: TC-7099

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: FEB25/024/01 (ULR- TC709921000002425F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246– 024FB21SE01	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 04.02.2021	5.	Sampling Locatio: Boiler (3 Ton)
6.	Sampling Time: 14:20 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 08.02.2021	9.	Analysis Completed on: 08.02.2021
10.	Reporting Date: 22.02.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr.Kajal Bhattacharjee	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed √ / Bladder: Clamped

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Boiler (3 Ton)**
2.	Height	m	:	33
3.	Diameter	mm	:	-
4.	Temperature	°c	:	129
5.	Velocity	m/s	:	11.67
6.	Type of fuel used		:	Briquette
7.	Quantity of fuel used	Ton/day	:	14

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	Particulate Matter	mg/Nm^3	:	84	150	IS 11255 (Part 1) : 1985
2.	Sulphur Dioxide(SO_2)	ppm	:	14.02	100	IS 11255 (Part 2) : 1985
3.	Oxides of Nitrogen (NOx)	ppm	:	6.33	50	IS 11255 (Part 7) : 2005

Remark:

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE:
1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

KADAM ENVIRONMENTAL CONSULTANTS
An ISO 9001-2015 Certified Company (MoEF Approved)
871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: FEB25/024/02

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246~ 024FB21SE02	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 05.02.2021	5.	Sampling Location: Process Stack (FRP SC – 1)
6.	Sampling Time: 11:40 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 08.02.2021	9.	Analysis Completed on: 08.02.2021
10.	Reporting Date: 22.02.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr.Kajal Bhattacharjee	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	**Process Stack (FRP SC – 1)**
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	44
5.	Velocity	m/s	:	7.84
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	12.30	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

NOTE:
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2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

KADAM ENVIRONMENTAL CONSULTANTS
An ISO 9001-2015 Certified Company (MoEF Approved)
871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: FEB25/024/03

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246– 024FB21SE03	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 05.02.2021	5.	Sampling Location: Process Stack (FRP SC – 4 & 5)
6.	Sampling Time: 12:07 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 08.02.2021	9.	Analysis Completed on: 08.02.2021
10.	Reporting Date: 22.02.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr.Kajal Bhattacharjee	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed / Bladder: Clamped

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	Process Stack (FRP SC – 4 & 5)
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	49
5.	Velocity	m/s	:	8.18
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	16.66	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By –

Name : Bhavisha Pandya | **Designation : Sr.Chemist**

NOTE:
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----------END OF REPORT----------

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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – STACK

REPORT NO.: FEB25/024/04

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246– 024FB21SE04	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 05.02.2021	5.	Sampling Location: Process Stack (FRP SC – 6)
6.	Sampling Time: 12:36 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 08.02.2021	9.	Analysis Completed on: 08.02.2021
10.	Reporting Date: 22.02.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr.Kajal Bhattacharjee	13.	Group: Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission

16.	Description of Sample:	Sampling Bottles: Sealed √	Thimble: Packed	Bladder: Clamped

STACK DETAILS

S. No.	Parameters	Unit (SI)		Description
1.	Source		:	Process Stack (FRP SC – 6)
2.	Height	m	:	-
3.	Diameter	mm	:	-
4.	Temperature	°c	:	48
5.	Velocity	m/s	:	8.29
6.	Type of fuel used		:	N.A.
7.	Quantity of fuel used		:	N.A.

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/m^3	:	14.12	20	APHA 23rd Edition: 4500 - Cl C

Remark:

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

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2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

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Phone : (O) 0265 - 6131000, 6131001

Certificate No.: TC-7099

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – AMBIENT

REPORT NO.: FEB25/024/05 (ULR- TC709921000002426F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132,Village Ranu Taluka Padra Dist Baroda Gujarat 391445.		
2.	Sample ID: 2044008246– 024FB20AQ01	3.	Client Representative: Mr.Suresh Patel
4.	Sampling Date: 04.02.2021	5.	Sampling Location: Nr.Main Gate
6.	Sampling time: 12:13 hr	7.	Sampling Duration: 24 Hrs
8.	Analysis commenced on: 08.02.2021	9.	Analysis Completed on: 08.02.2021
10.	Reporting Date: 22.02.2021	11.	Discipline: Chemical
12.	Sample Collected By: Mr. Kajal Bhattcharjee	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Ambient Air
16.	Description of Sample:	Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped
17.	**Environment Condition:**	Temp: Normal	Humidity:Medium	Wind speed: Smooth	Cloud cover: Clear sky
	Rain: No Rain	Wind Direction: Down Wind	Wind blowing from: -	Station category: Industrial

TEST RESULTS

S. No.	Parameters	Unit (SI)		Results	Specification/SPCB Norms/ BIS Standards	Method Used
1.	PM_{10}	$\mu g/m^3$	:	78	100	IS 5182 (Part 23) : 2006
2.	$PM_{2.5}$	$\mu g/m^3$	:	28	60	Guidelines By CPCB(Vol-1)
3.	Sulphur Dioxide (SO_2)	$\mu g/m^3$	:	9.21	80	IS 5182 (Part 2) : 2001
4.	Oxides of Nitrogen (NO_X)	$\mu g/m^3$	:	11.98	80	IS 5182 (Part 6) : 2006

Remark :

Authorized By -

Name : Bhavisha Pandya **Designation : Sr.Chemist**

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----------END OF REPORT----------

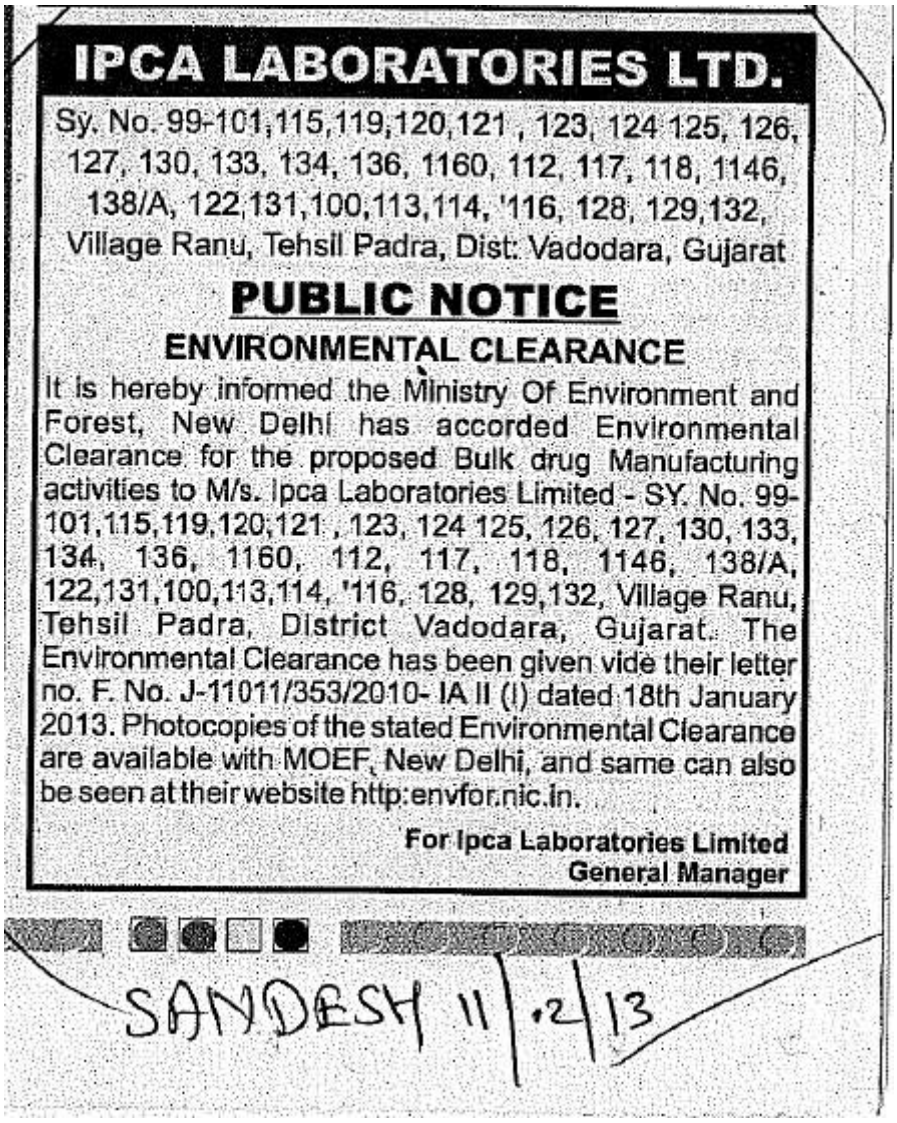
ANNEXURE - VIII

Storage & Disposal Arrangement of Hazardous Waste

Sr. No.	Type of Wastes	Schedule	Quantity (MT/Y)	Mode of Disposal
1.	Used/ Spent Oil	5.1	1.5	Collection, Storage, Transportation & disposal by selling to registered re- refiners
2.	Process/ Distillation Residue	28.1	15	Collection, Storage, Transportation, Disposal through incineration at approved common incinerator (CHWIF) of Nandesari Environment Control Ltd. (NECL)& Bharuch Enviro Infrastructure Ltd. (BEIL), Ankleshwar
3.	Spent Carbon	28.3	90	Collection, Storage, Transportation, Disposal through incineration at approved common incinerator (CHWIF) of Nandesari Environment Control Ltd. (NECL)& Bharuch Enviro Infrastructure Ltd. (BEIL), Ankleshwar
4.	Spent Catalyst	28.2	0.6	Collection, Storage, Transportation, Disposal by selling to authorised registered recyclers
5.	Date- expired, discarded & off specification drugs/ medicines	28.4, 28.5	12.4	Collection, Storage, Transportation, Disposal through incineration at approved common incinerator (CHWIF) of Nandesari Environment Control Ltd. (NECL) & Bharuch Enviro Infrastructure Ltd. (BEIL), Ankleshwar
6.	Spent Organic Solvents	28.6	1200	Collection, Storage, Transportation, Disposal for incineration at approved common incinerator (CHWIF) of Nandesari Environment Control Ltd (NECL) & Bharuch Enviro Infrastructure Ltd. (BEIL), Ankleshwar
7.	Discarded Containers/ barrels/ liners/fiber drums contaminated with hazardous waste/ chemicals	33.1	500	Collection, Storage, Treatment within premises
8.	Spent ion exchange resins	35.2	0.4	Collection, Storage, Treatment within premises
9.	Chemical Sludge from waste water treatment	35.3	240	Collection, Storage, Transportation and Disposal at approved TSDF of Nandesari Environment Control Ltd (NECL) & Bharuch Enviro Infrastructure Ltd (BEIL),

Annexure No. 32

EC granted information in local newspaper



IPCA LABORATORIES LTD.

Sy. No. 99-101,115,119,120,121 , 123, 124 125, 126, 127, 130, 133, 134, 136, 1160, 112, 117, 118, 1146, 138/A, 122,131,100,113,114, '116, 128, 129,132, Village Ranu, Tehsil Padra, Dist: Vadodara, Gujarat

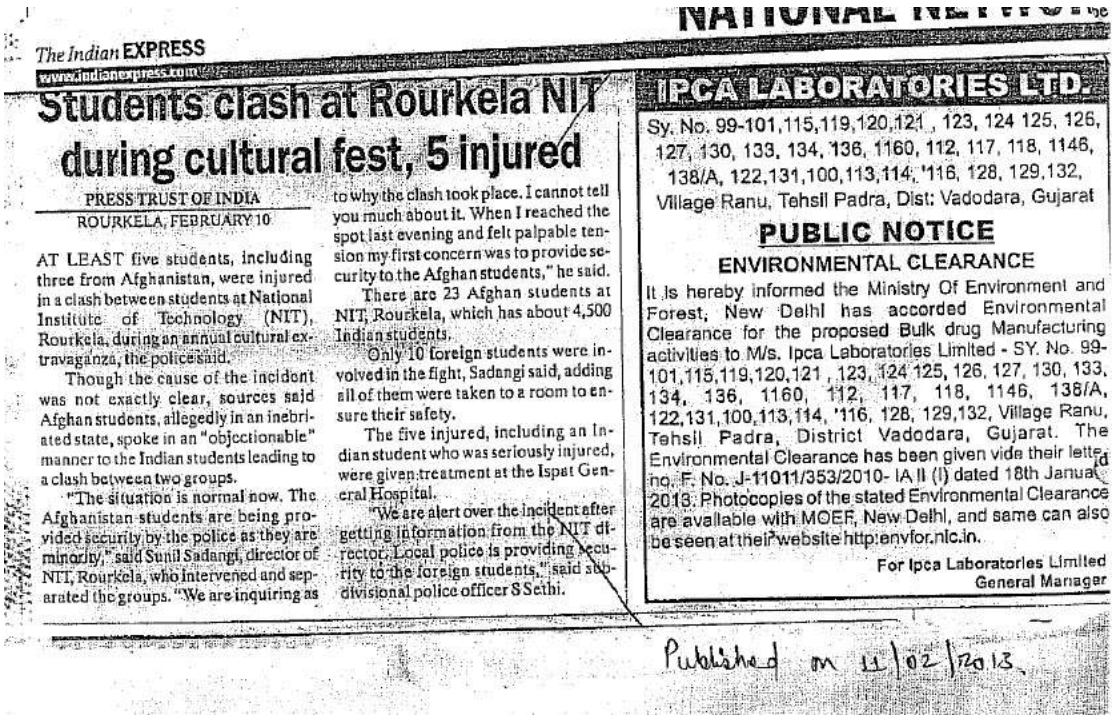
PUBLIC NOTICE

ENVIRONMENTAL CLEARANCE

It is hereby informed the Ministry Of Environment and Forest, New Delhi has accorded Environmental Clearance for the proposed Bulk drug Manufacturing activities to M/s. Ipca Laboratories Limited - SY. No. 99-101,115,119,120,121 , 123, 124 125, 126, 127, 130, 133, 134, 136, 1160, 112, 117, 118, 1146, 138/A, 122,131,100,113,114, '116, 128, 129,132, Village Ranu, Tehsil Padra, District Vadodara, Gujarat. The Environmental Clearance has been given vide their letter no. F. No. J-11011/353/2010- IA II (I) dated 18th January 2013. Photocopies of the stated Environmental Clearance are available with MOEF, New Delhi, and same can also be seen at their website http:envfor.nic.in.

For Ipca Laboratories Limited
General Manager

SANDESH 11/2/13



The Indian EXPRESS
www.indianexpress.com

Students clash at Rourkela NIT during cultural fest, 5 injured

PRESS TRUST OF INDIA
ROURKELA, FEBRUARY 10

AT LEAST five students, including three from Afghanistan, were injured in a clash between students at National Institute of Technology (NIT), Rourkela, during an annual cultural extravaganza, the police said.

Though the cause of the incident was not exactly clear, sources said Afghan students, allegedly in an inebriated state, spoke in an "objectionable" manner to the Indian students leading to a clash between two groups.

"The situation is normal now. The Afghanistan students are being provided security by the police as they are minority," said Sunil Sadangi, director of NIT, Rourkela, who intervened and separated the groups. "We are inquiring as to why the clash took place. I cannot tell you much about it. When I reached the spot last evening and felt palpable tension my first concern was to provide security to the Afghan students," he said.

There are 23 Afghan students at NIT, Rourkela, which has about 4,500 Indian students.

Only 10 foreign students were involved in the fight, Sadangi said, adding all of them were taken to a room to ensure their safety.

The five injured, including an Indian student who was seriously injured, were given treatment at the Ispat General Hospital.

"We are alert over the incident after getting information from the NIT director. Local police is providing security to the foreign students," said subdivisional police officer S Sethi.

IPCA LABORATORIES LTD.

Sy. No. 99-101,115,119,120,121 , 123, 124 125, 126, 127, 130, 133, 134, 136, 1160, 112, 117, 118, 1146, 138/A, 122,131,100,113,114, '116, 128, 129,132, Village Ranu, Tehsil Padra, Dist: Vadodara, Gujarat

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For Ipca Laboratories Limited
General Manager

Published on 11/02/2013.

Date: 06/11/2020

To,
The Member Secretary
Central Ground Water Authority,
Ministry of Water Resources,
West Block- 2, Wing -3,
R.K. Puram, Sector-1,
New Delhi

Subject: Submission of NOC compliance & action taken report for the period of Nov 2019 to Oct 2020.

Reference: NOC for ground water withdrawal issued by CGWA vide no. 21-4(1177)/WCR/CGWA/2014-687 dated 21-07-2019.

Dear Sir,
This has reference to the above cited subject matter regarding submission of NOC compliance and action taken report. Please find enclosed herewith annual compliance report & action taken report for the period of Nov 2019 to Oct 2020 for your kind reference and guideline.The soft copy of the same is also mailed at rdwer-cgwb@nic.in, tswer-cgwb@nic.in & cgwa@nic.in for information and record.

Hope you find the above documents in line with your requirement & kindly acknowledge the receipt of same.

IPCA LABORATORIES LTD. RANU

Yours faithfully,
For IPCA LABORATORIES LTD., RANU

(Authorised Signatory)

Enclosure: NOC compliance & action taken Report of Nov, 2019 to Oct, 2020.

Copy to:
The Regional Director, CGWB, West Central Region, Ahmadabad--------*for your kind information.*

Ipca Laboratories Ltd.
www.ipca.com
Block No. 132, Village Ranu, Taluka Padra, Vadodara - 391 445, India | T: +91 2662 227300 / 227301 to 05
Regd. Office: 48, Kandivli Industrial Estate, Kandivli (West), Mumbai 400 067, India | T: +91 22 6647 4444 F: +91 22 2868 6613
E: ipca@ipca.com CIN: L24239MH1949PLC007837

Annexure 1

Details of Monthly Borewell Water Withdrawal

BoreWell 01:- Water Consumption Details

Month	Opening Meter Reading	Closing Meter Reading	Water Consumption (KL)
Nov - 19	148890	156679	7789
Dec - 19	156679	163703	7024
Jan - 20	163703	168533	4830
Feb - 20	168533	173072	4539
March -20	173072	177504	4432
April - 20	177504	182701	5197
May- 20	182701	187925	5224
June - 20	187925	193182	5257
July - 20	193182	199059	5877
August -20	199059	204737	5678
Sep- 20	204737	210297	5560
Oct- 20	210297	216243	5946

BoreWell 02:- Water Consumption Details

Month	Opening Meter Reading	Closing Meter Reading	Water Consumption (KL)
Nov - 19	82760	83437	677
Dec-19	83437	83917	480
Jan-20	83917	84198	281
Feb - 20	84198	84497	299
March -20	84497	85243	746
April - 20	85243	86264	1021
May- 20	86264	87419	1155
June - 20	87419	88216	797
July - 20	88216	88225	9
August -20	88225	88225	0
Sep- 20	88225	88253	28
Oct- 20	88253	88321	68

Total Water Consumption of BoreWell 01 & 02

Month	Water Consumption (KL)
Nov-19	8466
Dec- 19	7504
Jan-20	5111
Feb- 20	4838
March -20	5178
April -20	6218
May- 20	6379
June - 20	6054
July -20	5886
Aug - 20	5678
Sep -20	5588
Oct -20	6014

Annexure 2

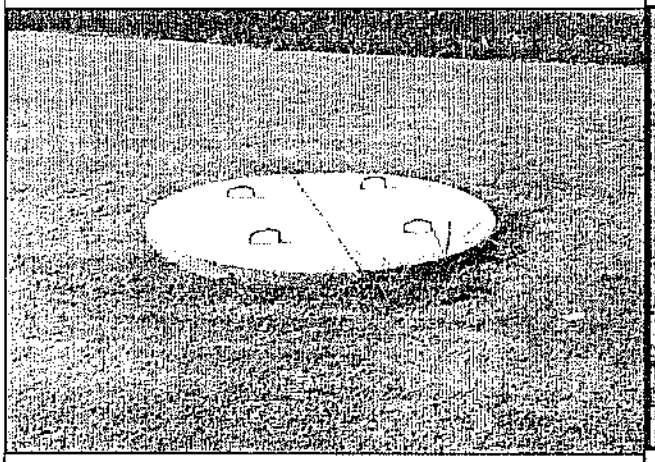
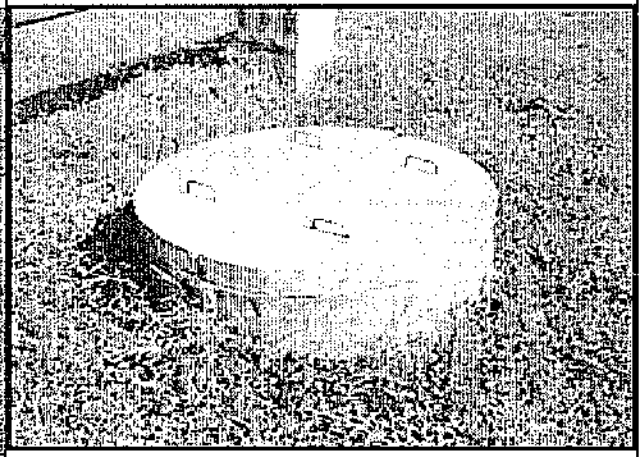
Rain Water Harvesting Details

BORE WELL STRUCTURE	
Borewell -1 (Old): Near Gowardhan House	**Borewell-2 (New): Near Fire Pump House**
RAIN WATER RECHARGING STRUCTURE	
1. **Near R&D Building (Roof top recharging) :** Only Recharge Well	
2. **Near MCC room of Solvent Tank Farm (Surface Runoff Recharge):** Silt Trap + Recharge Well	
3. **Near STP-2 (Surface Runoff Recharge):** Silt Trap + Recharge Well	
4. **Near Diesel Tank Farm (Storm Drain Runoff Recharge):** Silt Trap + Recharge Well	
5. **Near Boiler (Storm Drain Runoff Recharge):** Silt Trap + Recharge Well	

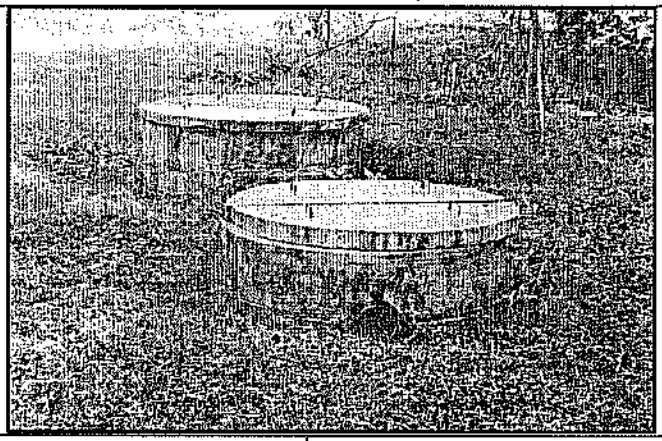
TECHNICAL DETAILS OF RAIN WATER RECHARGING SYSTEM

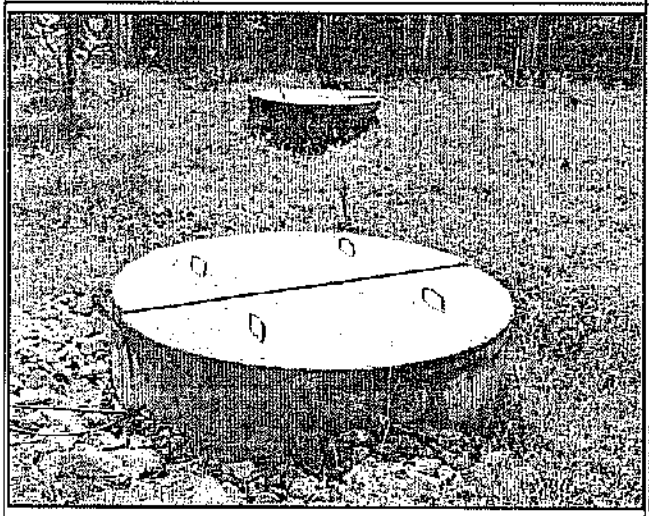
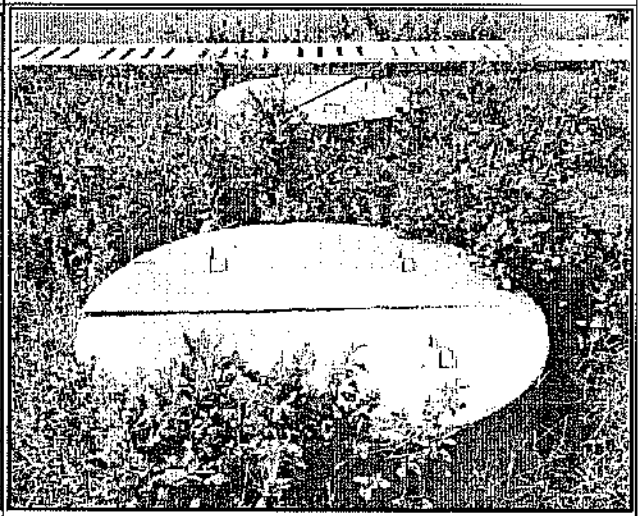
Sr. No.	Technical Details	Quantity	UOM
1.	Drilling of bore of 300 mm dia	180	Ft
2.	Installation of perforated HDPE pipe of 140mm dia	180	Ft
3.	Filling with crushed stone between HDPE pipe and bore hole	2	Tractor
4.	Development of bore with air compressor machine	1	Job
SPECIFICATION OF INJECTION WELL/ RECHARGE WELL			
5.	Excavation Work	1500 mm dia, 17 ft deep	Job
6.	Installation of RCC rings- 1350 mm dia, 300 mm ht and 65 mm thickness	1	Nos.
7.	Reinforced perforated slab- 1200 mm dia, 65mm thickness	1	No.
8.	Reinforced Heavy Duty Ring- 1350 mm dia, 150 mm ht and 150 mm thickness	1	No.
9.	Reinforced covering slab- 1350mm dia and 75 mm thickness	1	Nos.
10.	V- Wire Screen	2	Nos.
11.	Filtration Media bed from bottom to top: 1. Gravel- 50mm Size 2. Crushed Stone- 20mm Size 3. Activated Carbon 4. Charcoal- 25mm to 32mm 5. Crushed Stone- 20mm size 6. Coarse sand	1	Set
SPECIFICATION OF SILT TRAP			
12.	Excavation Work	1200 mm dia, 5 ft deep	Job
13.	RCC Rings- 1100 mm dia, 300 mm dia and 65 mm thickness	5	Nos.
14.	Reinforced Covering Slab- 1100 mm dia and 75 mm thickness	1	Nos.

IMAGES OF RAIN WATER RECHARGING STRUCTURE

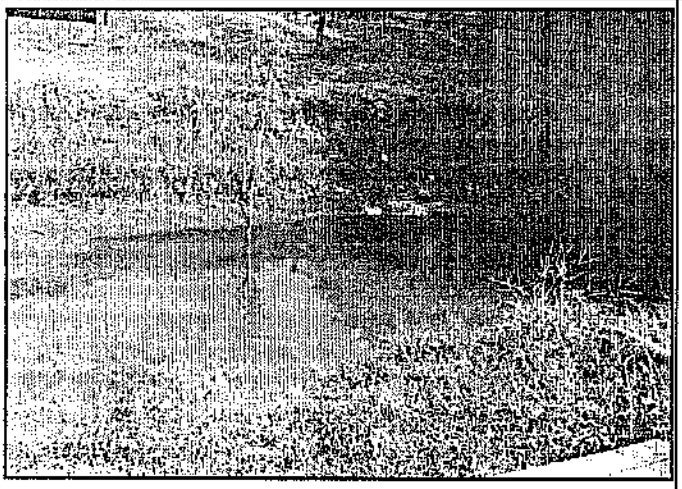
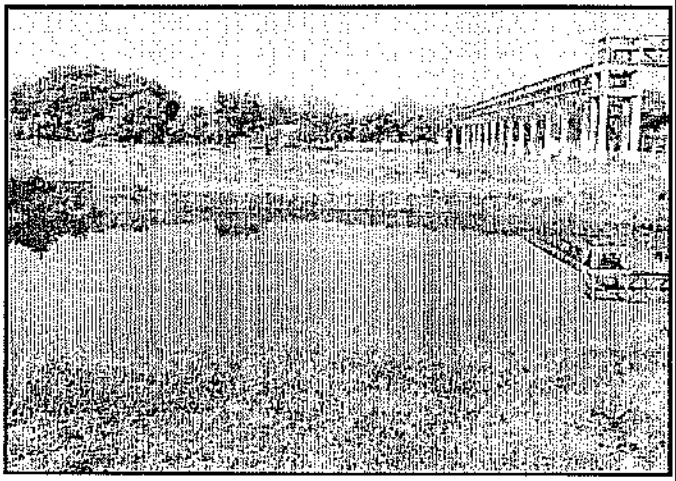
Near R&D Building *(Roof Top Recharge)*	*Near MCC Room of Solvent Tank Farm* *(Surface Runoff Recharge)*
	

Near STP-2
(Surface Runoff Recharge)



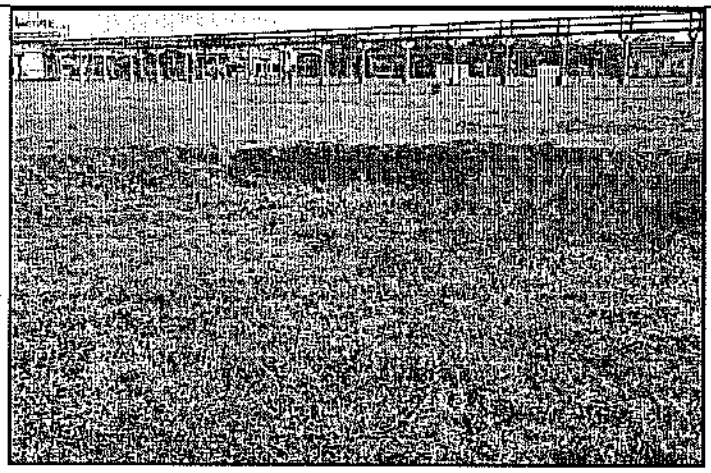
Near Diesel Tank Farm *(Storm Drain Runoff Recharge)*	*Near Boiler* *(Storm Drain Runoff Recharge)*
	

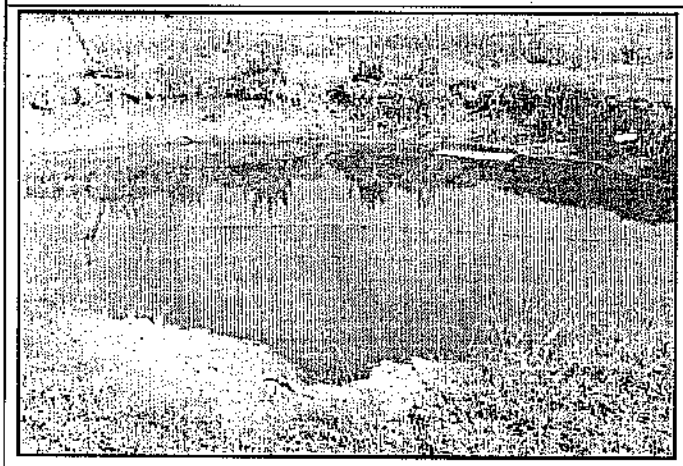
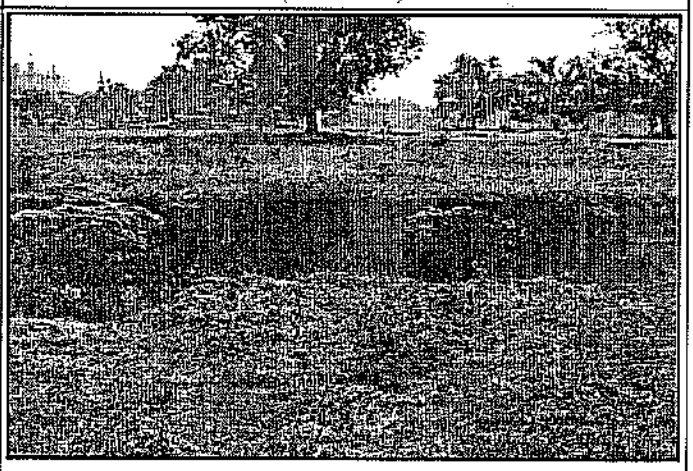
IMAGES OF RAIN WATER RECHARGING STRUCTURE

Guard Pond -1 (Nr. Boiler)	*Guard Pond - 2* (Nr. Gate- 2)
	

Guard Pond -3

(Nr. Tank Farm Area)



Guard Pond-4 (Nr. ETP - RO Plant)	*Guard Pond- 5* (Nr. STP-1)
	

KADAM ENVIRONMENTAL CONSULTANTS
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Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – WATER

REPORT NO.: JUN20/103/01 (ULR- TC709920000001517F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132, Village: Ranu, Taluka: Padra, Dist: Baroda, Gujarat - 391445.		
2.	Sample ID: 2044008246 – 103JN20W01	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 16.06.2020	5.	Sample Collected By: M/s. IPCA Laboratories Ltd.
6.	Analysis commenced on: 17.06.2020	7.	Analysis Completed on: 25.06.2020
8.	Reporting Date: 27.06.2020	9.	Test Requirement: Water Analysis
10.	Packing Condition & Quantity: Sealed √	11.	Sample Category: Grab
12.	Sampling Location : Borewell Water - 1	13.	Sampling Method: IS : 3025 (Part 1) - 1987

TEST RESULTS

S.No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	pH		7.32	N.A	APHA 23rd Edition 4500-H+ B
2.	Conductivity	µmhos/cm	3020	N.A	APHA 23rd Edition 2510 B
3.	Temperature	°C	28	N.A	APHA 23rd Edition 2550- B
4.	Colour	Pt-CO	<1	N.A	APHA 23rd Edition 2120 B
5.	Sulphates	mg/L	70	N.A	APHA 23rd Edition 4500 SO4 E
6.	Fluoride	mg/L	0.40	N.A	APHA 23rd Edition 4500 F—D
7.	Phosphate	mg/L	<0.02	N.A	APHA 23rd Edition 4500 P – C
8.	Nitrate	mg/L	12.09	N.A	IS 3025 (Part 34) (ii): 1988
9.	Nitrite	mg/L	N.D.	N.A	IS 3025 (Part-34): 1988
10.	COD	mg/L	30	N.A	APHA 23rd Edition 5220 B
11.	Total Dissolved Solids	mg/L	804	N.A	APHA 23rd Edition 2540 C
12.	Calcium	mg/L	99	N.A	APHA 23rd Edition 3500 - Ca B
13.	Magnesium	mg/L	74	N.A	APHA 23rd Edition 3500 - Mg B
14.	Chlorides	mg/L	34	N.A	APHA 23rd Edition 4500 Cl B
15.	Sodium	mg/L	14.96	N.A	APHA 23rd Edition 3500 - Na B
16.	Potassium	mg/L	2.30	N.A	APHA 23rd Edition 3500 - K B
17.	Boron	mg/L	0.36	N.A	APHA 23rd Edition 4500 B - C

Remark : N.D. – Not Detected

Authorised By -

Name : Sapana Amin **Designation: Lab Incharge**

NOTE:
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3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

KADAM ENVIRONMENTAL CONSULTANTS
An ISO 9001:2015 Certified Company (MoEF Approved)
671/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

Certificate No. TC-7999

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – WATER

REPORT NO.: JUN20/103/02 (ULR- TC709920000001518F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132, Village: Ranu, Taluka: Padra, Dist: Baroda, Gujarat - 391445.		
2.	Sample ID: 2044006246 – 103JN20W02	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 16.06.2020	5.	Sample Collected By: M/s. IPCA Laboratories Ltd.
6.	Analysis commenced on: 17.06.2020	7.	Analysis Completed on: 25.06.2020
8.	Reporting Date: 27.06.2020	9.	Test Requirement: Water Analysis
10.	Packing Condition & Quantity: Sealed √	11.	Sample Category: Grab
12.	Sampling Location : Borewell Water - 2	13.	Sampling Method: IS : 3025 (Part 1) - 1987

TEST RESULTS

S.No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	pH		7.78	N.A	APHA 23rd Edition 4500-H+ B
2.	Conductivity	µmhos/cm	932	N.A	APHA 23rd Edition 2510 B
3.	Temperature	°C	28	N.A	APHA 23rd Edition 2550- B
4.	Colour	Pt-CO	<1	N.A	APHA 23rd Edition 2120 B
5.	Sulphates	mg/L	136	N.A	APHA 23rd Edition 4500 SO^{3} E
6.	Fluoride	mg/L	1.11	N.A	APHA 23rd Edition 4500 F– D
7.	Phosphate	mg/L	<0.02	N.A	APHA 23rd Edition 4500 P – C
8.	Nitrate	mg/L	10.06	N.A	IS 3025 (Part 34) (ii): 1988
9.	Nitrite	mg/L	N.D.	N.A	IS 3025 (Part-34): 1988
10.	COD	mg/L	26	N.A	APHA 23rd Edition 5220 B
11.	Total Dissolved Solids	mg/L	624	N.A	APHA 23rd Edition 2540 C
12.	Calcium	mg/L	23	N.A	APHA 23rd Edition 3500 - Ca B
13.	Magnesium	mg/L	47	N.A	APHA 23rd Edition 3500 - Mg B
14.	Chlorides	mg/L	32	N.A	APHA 23rd Edition 4500 Cl^{-} B
15.	Sodium	mg/L	33.83	N.A	APHA 23rd Edition 3500 - Na B
16.	Potassium	mg/L	3.4	N.A	APHA 23rd Edition 3500 - K B
17.	Boron	mg/L	1.22	N.A	APHA 23rd Edition 4500 B - C

Remark : N.D. – Not Detected.

Authorised By -

Name : Sapana Amin — Designation: Lab Incharge

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----------END OF REPORT----------

KADAM ENVIRONMENTAL CONSULTANTS
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ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – WATER

REPORT NO.: JUN20/103/03

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132, Village: Ranu, Taluka: Padra, Dist: Baroda, Gujarat - 391445.		
2.	Sample ID: 2044008246 – 103JN20W01	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 16.06.2020	5.	Sample Collected By: M/s. IPCA Laboratories Ltd.
6.	Analysis commenced on: 17.06.2020	7.	Analysis Completed on: 25.06.2020
8.	Reporting Date: 27.06.2020	9.	Test Requirement: Water Analysis
10.	Packing Condition & Quantity: Sealed √	11.	Sample Category: Grab
12.	Sampling Location : Borewell Water - 1	13.	Sampling Method: IS : 3025 (Part 1) - 1987

TEST RESULTS

S.No.	Parameters	Unit (SI)		Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Odour	-	:	Agreeable	N.A	APHA: 23rd Edition 2150 B
2.	Carbonate	mg/L	:	60	N.A	APHA 23rd Edition 2320 B
3.	Bi Carbonate	mg/L	:	N.D.	N.A	APHA 23rd Edition 2320 B

Remark : N.D. – Not Detected.

Authorised By :

Name : Sapana Amin **Designation: Lab Incharge**

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3) The results reported above relate to the sample identified under Sample Details.

----------END OF REPORT----------

ROHAN ENVIRONMENTAL CONSULTANTS
An ISO 9001:2015 Certified Company (MoEF Approved)
871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
Phone : (O) 0265 - 6131000, 6131001

ENVIRONMENTAL MONITORING REPORT

LABORATORY TEST REPORT – WATER

REPORT NO.: JUN20/103/04

SAMPLE DETAILS

1.	Name & Address of Client: M/s. IPCA Laboratories Ltd. Block No 132, Village: Ranu, Taluka: Padra, Dist: Baroda, Gujarat - 391445.		
2.	Sample ID: 2044008246 – 103JN20W02	3.	Client Representative: Mr.Suresh Patel
4.	Sample Date: 16.06.2020	5.	Sample Collected By: M/s. IPCA Laboratories Ltd.
6.	Analysis commenced on: 17.06.2020	7.	Analysis Completed on: 25.06.2020
8.	Reporting Date: 27.06.2020	9.	Test Requirement: Water Analysis
10.	Packing Condition & Quantity: Sealed √	11.	Sample Category: Grab
12.	Sampling Location : Borewell Water - 2	13.	Sampling Method: IS : 3025 (Part 1) - 1987

TEST RESULTS

S.No.	Parameters	Unit (SI)		Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Odour	-	:	Agreeable	N.A	APHA: 23rd Edition 2150 B
2.	Carbonate	mg/L	:	60	N.A	APHA 23rd Edition 2320 B
3.	Bi Carbonate	mg/L	:	N.D.	N.A	APHA 23rd Edition 2320 B

Remark : N.D. – Not Detected.

Authorised By -

Name : Sapana Amin **Designation: Lab Incharge**

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----------END OF REPORT----------

NOC COMPLIANCE & ACTION TAKEN REPORT

(Nov'19- Oct'20)

NOC No.	:	21-4 (1177)/WCR/CGWA/2014-687 dated 16 July 2019
Name of Unit	:	Ipca Laboratories Limited, Ranu
Site Address	:	Block No.132, Village Ranu, Taluka Padra, Vadodara- 391445, Gujarat

Sr. No.	Conditions	Compliance Status
	NOC for ground water abstraction issued by CGWA vide no. 21-4 (1177)/WCR/CGWA/2014-687 dated 16-7-2019	
1.	The firm may continue to abstract 1,01,400 cu.m/year ground water through two (2) existing tube wells only. No additional ground water abstraction structures shall be constructed for this purpose without prior approval of the CGWA.	**Complied.** The unit has 2 nos. of Bore Well and average water withdrawal during the year between Nov-19 to Oct-20 is 187 KLD and 15.4 KLD respectively.
2.	Both the wells shall remain fitted with digital water flow meters and monthly ground water abstraction data of each well shall be recorded in a log book by the firm.	**Complied.** Both the borewells are fitted with water meters. Monthly ground water abstraction data of each well are recorded in a logbook. **Refer Annexure -1** Details of monthly ground water withdrawal.
3.	M/s. IPCA Laboratories Ltd., shall continue to implement ground water recharge measures to the tune of 1,03,620 cu.m/year for augmenting the ground water resources of the area. Firm shall continue to undertake periodic maintenance of recharge structures at its own cost.	**Complied.** Rain water Recharging System is installed as per geo- hydrological & geophysical investigation report. **Refer Annexure -2** Details of Rain Water recharging system.
4.	The firm shall continue to execute monthly ground water level monitoring in the project area through two (2) nos. Of existing piezometers. The firm shall install digital water level recorders in both the piezometers.	**Complied.** Two piezometers are installed for Ground Water Level Monitoring.
5.	The ground water quality shall be monitored once in a year during pre monsoon period.	**Complied.** The ground water quality is monitored in pre monsoon. **Refer Annexure 3** Pre monsoon monitoring report.
6.	The ground water monitoring data in respect of S.No. 2,4 & 5 shall be submitted to the Regional Director, Central Ground Water Board, West Central Region, Ahmedabad on regular basis at least once in a year.	**Complied.** The ground water monitoring data submitted to Central Ground Water Board every year in yearly compliance report. Last year compliance report was submitted on

		November 2019.
7.	The firm shall ensure proper recycling and reuse of waste water after adequate treatment.	**Complied.** We are recycling and reusing treated effluent and maintaining complete Zero Liquid Discharge.
8.	Action taken report in respect of S.N. 1to7 shall be submitted to CGWA within one year period.	**Complied.** The ground water monitoring data submitted to Central Ground Water Board every year in yearly compliance report.
9.	The NOC is liable to be canceled in case of non- compliance of any of the conditions as mentioned in S.No. 1to8.	Noted
10.	The project proponent shall take all necessary measures to prevent contamination of groundwater in the premises failing which the firm shall be responsible for any consequences arising there upon.	Noted
11.	This NOC is subject to prevailing Central/State Government rules/laws or Court orders related to construction of recharge or conservation structures/discharge of effluents or any such matter as applicable.	Noted
12.	This NOC does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.	Noted
13.	The NOC does not imply that other statutory/ administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and be taking decisions independently of the NOC.	Noted
14.	The firm shall be liable to pay penalty/ Environment Compensation for non-submission of application in time as per the condition stipulated in the earlier NOC for the period from 21.11.2016 to 30.03.2017, as and when imposed by the Authority.	Noted