

Ref. No. - IPCA/EHS/2021/297

Date: 25/05/2021

To,

The Joint Director

Regional Office, Western Region Ministry of Environment & Forests, Govt. of India Kendriya Paryavaran Bhavan, Link Road No. 3, Ravi Shankar Nagar Bhopal-462016

Sub

: Six Monthly Compliance of EC Conditions.

Ref.

: MoEF file No. J-11011/169/2011-1A II(I) dated 22.06.2015

Dear Sir,

With reference to the above subject, we are submitting herewith Six monthly compliance reports (Dec'2020 to May'2021) for your kind consideration.

We hope that all the document / information as submitted shall be in order.

Thanking you and with regards,

Yours faithfully For Ipca Laboratories Ltd.

(Rahul Pradhan)

Encl As above

CC : Member Secretary (SEIAA-Bhopal) CC: Member Secretary (MPPCB-Bhopal) CC: Regional Officer (MPPCB-Ujjain)

Ipca Laboratories Ltd. Ratlam

EC Specific condition Compliance

S. No	Conditions of Environment Clearance	Status	Status of Compliance for the period Dec-20 to May-21																																								
1	Specific Conditions																																										
(All pollution control and monitoring equipments shall be installed, tested	Complied	 Details of pollution control and its monitoring is given in following table: 																																								
	and interlocked with the process .			Pollution Control Measure Equipment Monitoring equipment's Remark																																							
			Air Dust Collector Multi Cyclone Bag Filter and Water/ alkaline/ scrubber Monthly monitorin g is being done in- house as well as third party analysis done by SMS Envocare limited. Details of APCM are provided in Annexure- 01. Photographs of APCM are attached as Annexure-02																																								
	 Company shall not start operation of the expansion unit unless th 	of o	of e	e	2	9	9	e	e	e	e	e	e	e	e	e	9	e	e	e	e	e	e	e	e	e	e	e	e	e	9	9	e	e	e	e	e	e	e	e	e	e	Water • ETP followed by RO, MEE, MVRE and ATFD/Dr yer and STP • Online meters for pH, COD, BOD,TSS parameter • Web Camera installed at outlet of Storm Water Drain and emissions from Boiler Stack • Details of ETP and STP is given in Annexure-03 • Photographs of online Effluent Monitoring system and Web Camera are attached as Annexure- 04
	pollution control equipments ar ready and running. SPCB shall grant Consent to Operat after ensuring that all the mentioned pollution control equipments have been installed.	e e	 All Pollution control equipment's remain operational round the clock and we have power back-up in case of emergence power failure and also excess storage capacity. SPCB had granted 'Consent to Operate' after ensuring that all the mentioned pollution control equipment have been 																																								

i.	Conditions of Environment Clearance	Status	Status of Con					-															
-			installed. Copy of CTO is attached as Annexure- Compliance of the same is attached as Annexu				nexure-0	cure-06															
			Compliance	or the se	All Descriptions																		
2	National Emission Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide G.S.R. 608(E) DATE 21 st July, 2010 and amended time to time shall be complied by the unit.	Complied	National Emis accordingly reg effluent is being Summary of 6 Ambient Air Qu	ular mo g done. month	onitoring o	of ambient	0 to Ma	nerator { y'2021) (
					Results (p	ermissible μg/m	limit) & u	unit in															
			Location of A	AQM	PM ₁₀ (100)	PM _{2.5} (60)	SOx (80)	NOx (80)															
		2		Max.	58.33	41.67	17.50	24.07															
			Rain water harvesting	Min.	37.50	20.83	10.42	17.28															
					pond	Avg.	48.61	35.42	12.96	20.33													
				Max.	62.50	42.55	12.63	16.05															
			Main Gate (GATE No.	Min.	41.67	29.17	8.68	14.12															
																		2)	Avg.	53.18	37.07	11.10	15.41
				Max.	75.00	41.67	13.89	20.33															
										,	Gate No 4 (Near Way Bridge)	Min.	41.67	29.17	11.58	14.12							
										Bridge)	Avg.	52.78	36.11	12.56	17.08								
										Max	50.00	41.67	16.05	22.46									
			(Incinerato Area)	r Min	41.67	33.33	9.91	13.80															
				Avg	1	36.92	13.60	17.76															
			Month wis	Annexi	ure-07.																		
		+	Monitoring Limited, In	dore, NA	ABL or Mot	F&CC app	roved lab	oratory.															

ke l	Conditions of Environment Clearance	Status	Status						
,	4.	Apart from AAQM rep Summary Incinerate	oorts are a of 6 mon	attached ths Avera	as Annex age (Dec'2	ure-09. 2020 to M	lay'2021)		
			Stack			ts in mg/			
			attach ed to	Range	PM (150)	SOx (200)	NOx	CO (100)	TOC (20)
				Max.	66.9	70.0	56.3	-	-
			Incine	Min.	66.9	36.0	20.6	-	-
				Avg.	42.9	49.67	37.29	-	•
			Envocare Apart fro Incineral	e are attac om this M tor Stack	ched as A PPCB has reports a	nnexure- carried or re attache	out monit ed as Ann	oring and exure-10	l testing C.
			Envocare Apart fro Incineral	e are atta om this M	ched as A PPCB has reports a nonths A g results a	innexure- carried or re attacho verage (I	10 B. out monit ed as Ann Dec'2020	oring and exure-10 to May'	l testing C.
			Envocare Apart fro Incineral Summar Outlet N	e are attacom this M tor Stack fr ry of 6 m	ched as A PPCB has reports a nonths A g results a	Annexure- s carried c re attache verage (I are given	10 B. out monit ed as Ann Dec'2020	oring and exure-10 to May'	l testing C. 2021)
			Envocare Apart fro Incineral Summar Outlet N	e are attace me this Metor Stack for Stack for Monitoring	reports a nonths A gresults a	annexure- carried c re attache verage (I are given	10 B. but monit ed as Ann Dec'2020 as below:	oring and exure-10 to May'	C. 2021)
			Apart fro Incineral Summar Outlet M Par	e are attace om this Mator Stack or Stack or Yof 6 mandonitoring	reports a nonths A gresults a	annexure- s carried of re attache verage (I are given nissible imit	10 B. but monit ed as Ann Dec'2020 as below: Max.	oring and exure-10 to May' Results Min.	C. 2021)
			Apart fro Incineral Summar Outlet N Par Sus Solid BOD	e are attace om this Motor Stack or yof 6 monitoring mameter pH pended	reports a nonths A gresults a Perm	annexure- carried of the attache everage (I are given enissible imit enit enit enit enit enit enit enit en	out monited as Annoted as Annoted as Below: Max. 6.32	oring and exure-10 to May' Results Min. 6.47	Avg. 6.40
			Apart from Incineral Summar Outlet Mark Solid BOD 27°0	e are attace om this Motor Stack or yof 6 monitoring maneter pH spended ds (mg/l) (3 days at	PPCB has reports a nonths. A results a Pern	annexure- s carried of re attache everage (I are given missible imit 5 to 9	out monited as Annoted as Annoted as Below: Max. 6.32 NIL	oring and exure-10 to May' Results Min. 6.47	Avg. 6.40 NIL 7.63
			Apart from Incineral Summar Outlet Mark Sus Solid BOD 27°C	e are attace om this Motor Stack for yof 6 monitoring mameter pH spended ds (mg/l) (3 days at C) (mg/l)	PPCB has reports a nonths. A results a Pern	annexure- s carried of re attache overage (I are given missible imit 5 to 9 100	out monited as Annoted as Annoted as Below: Max. 6.32 NIL 6.68	results Min. 6.47 NIL 8.66	C. 2021) Avg. 6.40
			Apart from Incineral Summar Outlet Management Summar Outlet Management Summar S	e are attace om this Motor Stack for yof 6 modern for m	PPCB has reports a nonths. A gresults a Pern L.	annexure- s carried of re attache average (I are given missible imit 5 to 9 100 250 10 Quality	Max. 6.32 NIL 6.68 19.52 NIL	roring and exure-10 to May' Results Min. 6.47 NIL 8.66 26.15 NIL	Avg. 6.40 NIL 7.63 NIL
			Apart from Incineral Summar Outlet Management Summar Outlet Management Summar S	e are attace om this Motor Stack for yof 6 modern for m	PPCB has reports a nonths. A gresults a Pern L.	annexure- s carried of re attache average (I are given missible imit 5 to 9 100 250 10 Quality	Max. 6.32 NIL 6.68 19.52 NIL	oring all exure-1 to Market Min. 6.47 NIL 8.66 26.15 NIL	nd 10 ay'

S. No	Conditions of Environment Clearance	Status	Status of Com	pliance for t	he period Dec-2	20 to May-21
1	9		STP Outlet Mo Date: 05.12.2020		lts are given as	below (Report
			Parame	ter	Permissible Limit	Results
			рН		6.5 to 9	7.52
			Suspended So	lids (mg/l)	100	6.8
		36)	COD (m	g/I)	250	137
			BOD 3 Days 27	'0°C (mg/l)	30	24.50
			Oil and Grea	se (mg/I)	10	<1.0
			Fecal Coli (MPN/10		<1000 (MPN/100ml)	5.3
			Month wise STR Annexure-15 STP Outlet Qua attached herewit	ality monitori	-	
3	Multi-cyclone followed by bag filter shall be provided to the coal fired boiler to control particulate emissions within permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/MPPCB	Complied	control particular height of the CPCB/MPPCB gu	ate emissions stacks is 30 idelines . onths Averag	ng filter is provided within permise mtrs. ,Which given as below:	sible limit. The is in line with
	guidelines.		Stack	Range		n mg/Nm³ ible limit)
			attached to		PM (150)	SOx (100)
			Boiler-1&2	Max.	83.5	68.0
			(Common	Min.	67.4	48.0
			Stack)	Average	77.32	59.0
				Max.	80.9	72.0
			Boiler-3	Min.	60.1	48.0
				Average	74.30	60.33

s. No	Status of Compliance for the period Dec-20 to				20 to May-21			
,	3	.i		Max.	74.9	78.0		
			Boiler-4	Min.	64.6	46.0		
				Average	70.46	62.33		
				Max.	82.4	84.0		
			Boiler-5	Min.	65.1	60.0		
				Average	76.47	71.67		
			Note : Maximur a time.	m 3 out of 5 No.	of Boilers rema	in operational at		
		,	Month wise Bo		oring (In-house	e) results copy is		
			Boiler Stack mo	onitoring Results	by MPPCB , Co	py is attached as		
			Boiler Stack m		ts by SMS En	vocare , Copy is		
4	Two stage chilled water/ caustic scrubber should be provided to process vent to control HCI.	Complied	Water/caustic scrubber is provided to process vents to control HCl. Suitable Scrubbers available as per CPCB Guidelines. (A per Annexure-02)					
	Two stage scrubbers with caustic lye media solution should be provided to process vent to control SO ₂ .	I II I	vents to cont Annexure-02					
	The scrubbing media should be sent to		Scrubbing medi	ia is sent to ETP f	or further treat	ment.		
	effluent treatment plant (ETP) for treatment.			Efficiency of scrubber being monitored regularly . Dedicate procedures are there and monitoring records are maintained				
	Efficiency of scrubber should be monitored regularly and maintained	T	11.			d the prescribed		
	properly.		· ·			4 ,no. F.N. J-		
	At no time, the emission levels should go beyond the prescribed standards.		EC condition ,	accordingly no	online monito	orrection made in oring system with		
	Scrubbers vent shall be provided with		considered . A	s per CPCB guid	elines as well, (nitoring system is Online Monitoring		
	on-line detection and alarm system to indicate higher than permissible value of controlled parameters.	1	of Scrubbers no	ot required for P	harmaceutical	Industries.		

S. No	Conditions of Environment Clearance	Status	Status of Co	omplia	nce for th	e period	Dec-20 t	o May-21											
5	Ambient air quality data shall be collected as per NAAEQS standards notified by the Ministry vide G.S.R. No. 826(E) dated 16 September, 2009. The	Complied	National Em accordingly re done. Summa Ambient Air O	egular m	months A	of ambie verage (D	nt air qua ec'2020 t	ality is bei o May'202											
	level of PM10, PM2.5, SO2, NOX, VOC, CO, HCL shall be monitored in the				Results (permissib µg/	-	unit in											
	ambient air and emission from the stacks and displayed at convenient location near the main gate of the company and	ı	Location of A	AAQM	PM ₁₀ (100)	PM _{2.5} (60)	SOx (80)	NOx (80)											
	at important public places. The company shall upload the results of monitored			Max.	58.33	41.67	17.50	24.07											
	data on its website and shall update the same periodically. It shall simultaneously		Rain water harvesting pond	Min.	37.50	20.83	10.42	17.28											
	be sent to the Regional office of MOEF, the respective zonal office of CPBP and		portu	Avg.	48.61	35.42	12.96	20.33											
		Gate No 4 (Near Wa' Bridge)		Main Cata	Max.	62.50	42.55	12.63	16.05										
				7.							(GATE No.	Min.	41.67	29.17	8.68	14.12			
					,	Avg.	53.18	37.07	11.10	15.41									
					Gate No 4	Max.	75.00	41.67	13.89	20.33									
			(Near Way	Min.	41.67	29.17	11.58	14.12											
															Avg.	52.78	36.11	12.56	17.08
				Max.	50.00	41.67	16.05	22.46											
			(Incinerator Area)	Min.	41.67	33.33	9.91	13.80											
				Avg.	45.81	36.92	13.60	17.76											
			Monitoring a Limited, Indo																
			Apart from to testing. AAQI																
			Results of the																
			of MOEF, the	respec	tive zonal														

S. No		s of Environment learance	Status	Status of Compliance for the period Dec-20 to May-21
6.	checking fug	control measures for gitive emissions from all able sources shall be	Complied	In order to control fugitive emissions materials / chemicals are handled in closed system.
	J	emissions shall be by providing closed		Suitable dust extractor and collection systems are provided in Powder Process areas.
	conveyance	closed handling & of chemicals /materials, ne separator and water stem.		All our Raw materials are coming in closed containers and hence there is no dust emission at loading/Unloading areas of Warehouses, however at Boiler Area, dust is suppressed by manual sprinkling of water.
	water spring provided at areas to cor	ession system including hkling system shall be loading and unloading atrol dust emissions.		All our batch charging takes place in closed systems. Monitoring for work place is carried out at regular interval of Six Months. It is carried out for parameters like Dust, VOC etc. at various locations (identified the location in nos. or area).
	environment, product,	issions in the work zone it, product, raw material a etc. Shall be regularly		Monitoring is done by third party (Precitech Laboratories). Latest Copy of Workplace monitoring is attached as Annexure- 20
		ons shall conform to the ated by the MPPCB.		All emissions are within stipulated limits of MPPCB.
7.	following steps s	crol of fugitive emissions, shall be followed :- handling system shall be ed for chemicals.	Complied	Yes we have closed handling system for chemicals i.e. storage tank pumps and pipelines with day storage tank.
	2. Reflux	condenser shall be		2. Yes it is available on each reactor .
	3. System	ed over reactor. of leak detection and of pump/pipeline based ventive maintenance.	M .	3. We have preventive maintenance schedule for all the equipments installed at site for addressing the issues of leakages & repairs.
	storage throug Storage throug	cids shall be taken from the tanks to reactors the closed pipeline. the tanks shall be vented the trap receiver and the need on chilled		4. Yes, the acids are transferred from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated or chilled water.
	provid	lic protection shall be ed to the underground t storage tanks.		5. It was done at the time of installation of tanks.

S. No	Conditions of Environment Clearance	Status	Status of Compliance for the period Dec-20 to May-21
8.	be dispersed through adequate stack Emission is being monitored by third party.		Similarly suitable acoustic enclosures are provided. Refer
9.	Solvent management shall be carried out as follows:	Complied	
	A) Reactor shall be connected to chilled brine condenser system.	2.0	A. Reactors condensers are connected with necessary cooling arrangement like Brine, Chilling, Cooling water etc.
	B) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.		B. Mechanical seal pumps are used for handling of solvent.
	C) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95%recovery.		C. For effective recovery efficient condensers has been installed after calculating required HTA .
	D) Solvents shall be stored in a separate space specified with all safety measures.	7-	D. Solvent are stored separately as per PESO norms . PESO permission letter is attached as Annexure-22.
	E) Proper earthing shall be provided in all the electrical equipments wherever solvent handling is done.		E. Proper earthing has been provided to all equipments once in a year and regular inspections are done to maintain continuity. Earthing inspection report is attached as
	F)Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.		F. All electrical fitting are flame proof in all flammable areas /Zone. Solvent storage tanks has been provided with
	g) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.		suitable safety systems like flame arrestors, fire hydrant system etc. Breather valves are also provided in solvent storage tank. G. Same as point A
10	Fresh water requirement from groun water source shall not exceed 78 m3/day and prior permission shall be obtained from the CGWA/SGWA. Fresh	6 e	Fresh water requirement: Total Fresh Water Requirement (Ground Water + Municipal water) 905 KLD. And remaining water requirement (570 KLD) will be fulfilled by recycled/treated effluent. (570+905=1475)

s. No	Conditions of Environment Clearance	Status	Status of Compliance for the period Dec-20 to May-21				
¥:	water requirement from Municipal Supply shall not exceed 119 m3/day and prior permission shall be obtained from the CGWA/SGWA.	-	KLD). Actual at Site water consumption is average 1337 KLD CGWA NOC for water withdrawal available (No21 4(27)/NCR/CGWA/2008-1701. Permission for fresh wate supply from municipal is provided in Annexure-24, howeve they are not giving any water.				
11,	Industrial waste water generation shall not exceed 620 m3/day. Industrial waste water/effluent shall be segregated into high COD/TDS and low COD/TDS effluent streams. High TDS/COD effluent stream shall be passed through stripper followed by MEE and agitated thin film drier (ATFD). Low TDS effluent stream shall be treated in ETP and then passed through RO system. Treated effluent shall be reused for cooling tower make up, utilities and horticulture. Sewage shall be treated in STP.	Complied	Waste water Generation: S. Waste water Generation in KLD No. Industrial Domestic Total As Per EC Received 1 620 140 760 Actual at Site 1 604 124 728 Average Industrial Effluent generation is 728 KLD. Segregation of high COD/TDS effluent stream like effluent from Plants and low COD/TDS effluent stream like effluent from Utilities is done at site. Details of ETP scheme is given in Annexure-03. Details of water Balance is given as Annexure-25				
12	No effluent shall be discharged outside the plant premises and 'Zero' effluent discharge shall be maintained.	Complied	Already complying being a Zero Liquid Discharge Facility as per attached scheme (Annexure -03).				
13	Automatic/online monitoring system (24*7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	Complied	Automatic /online monitoring system (24*7 monitoring devices) for flow measurement and pH , COD , BOD , SS in the effluent treatment system is already installed and connected with CPCB / MPPCB servers.				
14	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Complied	Storm water drain constructed and it is ensured that waste water is not mixing in it . Storm Water drain is passed through a guard pond of adequate capacity				
15	Hazardous chemicals shall be stored in tanks. Tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	Complied	As per the condition Hazardous chemicals are stored in tanks. Tank farms, drums, carboys etc. Flame arresters are provided on tank farm. Solvent are being transferred by pumps.				

S. No	Conditions of Environment Clearance	Status	Status of Compliance for the period Dec-20 to May-21
16	High calorific value waste viz. Process organic residue and spent carbon shall be sent to cement industries. Inorganic & evaporation salt and ETP sludge and incinerator ash shall be disposed off to the TSDF. The fly ash from boiler shall be sold to brick manufactures /cement industry. Waste oil and used batteries will be sold to authorized recyclers/reprocessors.	Complied	Being complied as per the provisions of Hazardous Waste Management Rules and Authorization obtained from MPPCB. High calorific value waste viz. Process organic residue and spent carbon Already being sent for Pre-processing with GGEPIL. Inorganic & evaporation salt, ETP sludge and incinerator ash being disposed off to the TSDF of MP Waste Management Project, Pithampur. Spent Solvent, Waste oil and used batteries being disposed of authorized recyclers/re-processors.
17	Till the remediation of the area is achieved, the unit shall provide water supply to the affected villages under CSR programme.	Complied	Company is providing drinking water to nearby villages.
18	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of hazardous wastes and prior permission from MPPCB shall be obtained for disposal of solid /hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency.	Complied	The company has obtained Authorization for collection, storage and disposal of hazardous waste under the Hazardous and other waste (Management and Trans-Boundary Movement) Rules, 2018 as on date for management of hazardous wastes and prior permission from MPPCB has also been obtained for disposal of solid /hazardous waste in the TSDF of MP Waste Management Project, Pithampur.
19	The company shall strictly comply with the rules and guideline under manufacturing, Storage and import of Hazardous chemical (MSIHC) Rules, 1989 as amended time to time .All transportation of Hazardous chemical shall be as per motor vehicle Act (MVA), 1989.	Complied	Being complied.
20	Fly ash shall be stored separately as per CPCB guideline so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash &dust	Complied	The Fly Ash being stored separately as per CPCB Guidelines under the shed with continuous sprinkling of water to prevent airborne particles and also contained inside the dyke to prevent flow into the storm water.

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	shall be avoided.					
21	The company shall undertake following waste minimization measures:	Complied	A) Batch wise quantity is closely monitored.			
	A)Metering and control of quantities of active ingredients to minimize waste. B) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.		B) Continues efforts are done to optimize raw material consumption and to get maximum yield. Solvents are recovered and reused. C) Being complied			
	C) Use of automated filing to minimize spillage. D) Use of close feed system into batch reactors.		D) Hazardous chemicals are handled in close system with suitable operation control procedures.			
	E) Venting equipment through vapor recovery system. Use of high pressure hoses for equipment cleaning to reduce wastewater generation.		E) Equipment are vented through vapour column followed by primary and secondary condensers for vapour condensation and recovery. F) Equipment are cleaned by high pressure hoses.			
22	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as	Complied	It is already available, as per norms and maintained by fire staff.			
23	Occupational health surveillance of the worker shall be done on regular basis and records maintained as per the Factories Act.	Complied	It is already practiced. As per SOP and records are bein maintained at occupational health center.			
24	As proposed, green belt shall be developed in 14.76 ha. Out of total plant area of 40.47 ha. Selection of plant species shall be as per the CPCB guidelines.	Complied	Being complied. There are continual efforts for increasing the Green Belt as per attached Photographs as per Annexum no.26. Total Green Belt inside the premises is 41.05% of total land area available.			

s. No	Conditions of Environment Clearance	Status	Status of Compliance for the period Dec-20 to May-21
25	At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on earlier Public Hearing issues, local needs and item-wise detail along with time bound action plan shall be prepared and submitted to the ministry's regional office at Bhopal. Implementation of such program shall be ensured accordingly in a time bound manner.	Complied	Budget available and is executed as per activities planned.
26	The company shall submit within three months their policy towards Corporate environment responsibility which should inter-alia address (i) Standard operating process/procedure to being into focus any infringement/deviation/ violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental norms to the Boards of Directors of the company and /or stakeholders or shareholders.	Complied	Complied, Copy of company's CSR Policy is attached as Annexure-27
27	Provision shall be made for the housing for the construction labour 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, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	27	Being a small project no on site housing arrangement was planned. Further more project is already in operational phase.

Ipca Laboratories Ltd.Ratlam EC General Condition Compliance

Sr. No.	EC Condition MoEF File No J-11011/169/2011/IA-II (I)	Status as on May-2021
1	The project authorities shall strictly adhere to the stipulations made by the MP Pollution Control Board.	Noted and complying.
2	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of condition imposed and to add additional environmental protection measures required, if any.	Noted and complying.
3	The National Ambient Air Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 November, 2009 shall be followed.	Being followed
. 4	The location of ambient air quality monitoring stations shall be decided in consultation with MP State Pollution Control Board (MPPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentration are anticipated.	
5	The overall noise levels in and around the plant area shall be kept well within the standards by provided noise contro measures including acoustic hoods, silencers, enclosures etc on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act,1986 Rules,1989 viz. 75 dBA (day time) and 70dBA (night time).	t
6	The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous waste (Management, Handling and Trans-boundary Movement Rules, 2008 and its amendment time to time and price permission from MPPCB shall be obtained for disposal of soli / hazardous waste including boiler ash.	disposal of hazardous waste under the Hazardous and other waste (Management and Trans-Boundary Movement) Rules, 2018 time to time and prior permission from MPPCB is obtained for disposal of solid / hazardous waste including boiler ash.
7	During transfer of material, spillages shall be avoided an garland drains be constructed to avoid mixing of accident spillages with domestic waste water and storm water drains.	d Garland drains along with secondary containment (Dyke wall) Provide.

Sr. No.	EC Condition MoEF File No J-11011/169/2011/IA-II (I)	Status as on May-2021
8	Usage of Personnel Protection Equipments by all employees/workers shall be ensured.	PPE Matrix available and being followed.
9	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Being followed as per calendar.
10	The Company shall also comply with all the environment protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Being complied as per EMP, and supplying drinking water to near villages.
11	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	We have CSR policy and actions are being taken-up accordingly attached as Annexure-27
12	The company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment.	Complied although it is a regular activity of the site.
13	A separated Environment Management Cell equipped with full fledged laboratory facilities shall be set up carry out the Environment Management and Monitoring functions.	Available as per Annexure No.30
14	As proposed, the company shall earmark Rs.6.8 Crore and Rs.19.22 Lakh towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forest 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.	
15	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 local NGO, if any, from who suggestions/representations, if any were received while processing the proposal.	
16	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB	report was sent on 30/11/2020.

Sr. No.	EC Condition MoEF File No J-11011/169/2011/IA-II (I)	Status as on May-2021
	and the MP Pollutions Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	
17	The Environment statement for each financial year ending 31 March in Form-V as is mandated shall be submitted to the Madhya Pradesh Pollution Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by e-mail.	Regularly submitting statement to MPPCB. The last statement was sent on 29/05/2020.
18	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at website of the ministry at http://moef.nic.in. . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	
19	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by concerned authorities and the date of start of the project.	project has been informed to the regional office

Detail of Annexure's for EC Six Monthly Compliance Report Submission

Sr. No.	Annexure No.	Description	
1	Annexure No.01	Details of APCM Equipments	
2	Annexure No.02	Photographs of APCM Equipments	
3	Annexure No.03	Details of ETP and STP (Flow Diagrams)	
4	Annexure No.04	Photographs of online Effluent Monitoring system and Web Camera	
5	Annexure No.05	Copy of Consent to Operate	
6	Annexure No.06	Copy of CTO Compliance	
7	Annexure No.07	Monthwise Ambient Air Quality Monitoring results - In House	
8	Annexure No.08	Ambient Air Quality Monitoring results -Third Party	
9	Annexure No.09	Ambient Air Quality Monitoring results - MPPCB	
10		Monthwise Incinerator Stack Monitoring results -In House	
11		Incinerator Stack Monitoring results -Third Party	
12		Incinerator Stack Monitoring results -MPPCB	
13		Fule Heater Monitering Report -Third Party	
14	Annexure No.11	DG - Stack Emission Monitering Report -Third Party	
15	Annexure No.12	Monthwise RO outlet results - In House	
16	Annexure No.13	RO outlet results - MPPCB	
17		RO outlet results - Third Party	
18	Annexure No.14 B	Bioassay Test Report of RO Outlet -Third Party	
19	Annexure No.15	Monthwise STP Outlet Quality results - In House	
20	Annexure No.15 A		
21	Annexure No.16 A	Form -1 For Water Cess	
22	Annexure No.16 B	Submission of Test Reoprt of Treated Effluent & Air Monitering	
23	Annexure No.17	Monthwise Boiler Stack Monitoring Results - In House	
24	Annexure No.18	Boiler Stack Monitoring Results - MPPCB	
25	Annexure No.19	Boiler Stack Monitoring Results - Third Party	
26	Annexure No.20	Work Place Monitoring Report	
27	Annexure No.21	DG Accoustic Enclosure Details	
28		Petroleum Class A& B License	
29		Petroleum Class B & C License	
30	Annexure No.23	Earthing Test Report	
31	Annexure No.24	Permission from Muncipal Corporation for water	
32	Annexure No.25 A	Water Balance	
33	Annexure No.25 B	Waste Water Generation	
34	Annexure No.25 C	Water Consumption	
35	Annexure No.26	Green Belt Factory Layout	
36	Annexure No.27	CSR policy	
37	Annexure No.28	Ambient Noise Monitoring Report -In house	
38	Annexure No.29	Ambient Noise Monitoring Report -MPPCB	
39	Annexure No.30	Environment Management Cell Organogram	

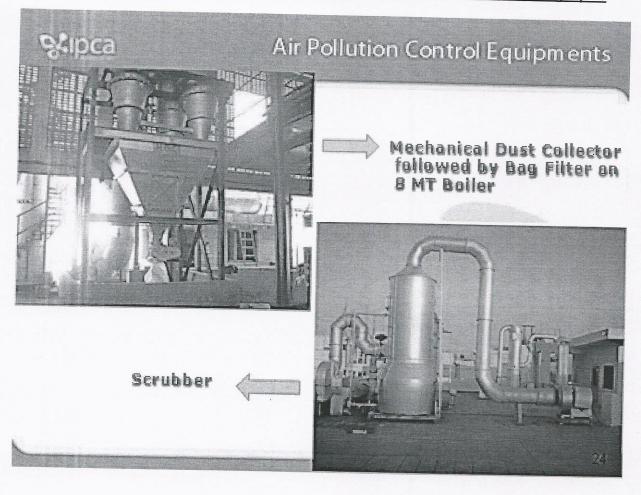
Annexure-01

<u>Air Pollution Control Monitoring Equipment's (APCM)</u>

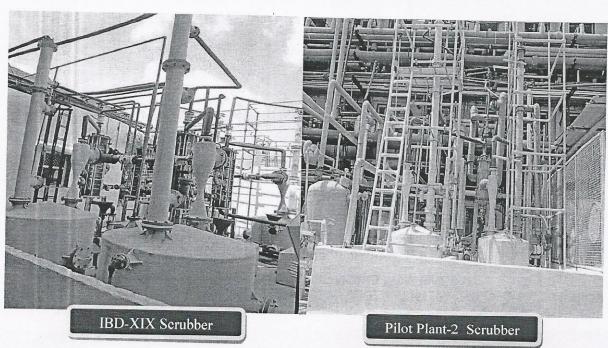
	2 ¹ - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Capacity	Stack Height (Mtrs.)	APCM Equipment Installed
Sr.	Name of Section	Capacity		
No.				Multi Cyclone, Dust Collector, Bag
	Boiler-1	6 T/H	30 (Common Stack)	Filter
1				Multi Cyclone, Dust Collector, Bag
	Boiler-2	6 T/H 6 T/H		Eiltor
2				Dust Collector, Multi Cyclone, Bag
	Boiler-3			Filter
3			30	Dust Collector, Bag Filter
4	Boiler-4	8 T/H	30	Dust Collector, Bag Filter
5	Boiler-5	8 T/H	30	Acoustic Enclosure
6	D.G. Sets	3X1000KVA	30	Acoustic Enclosure
 7	D.G. Sets	2X1010KVA	30	Acoustic Enclosure
8	D.G. Sets	395 KVA	30	Acoustic Enclosure
9	D.G. Sets	260 KVA		Scrubber
10	Incinerator	2 T/Day	30	Acid/Alkaline Scrubber available
11	Fugitive Emissions	-	23	, 1000,
TT	from Process plants			

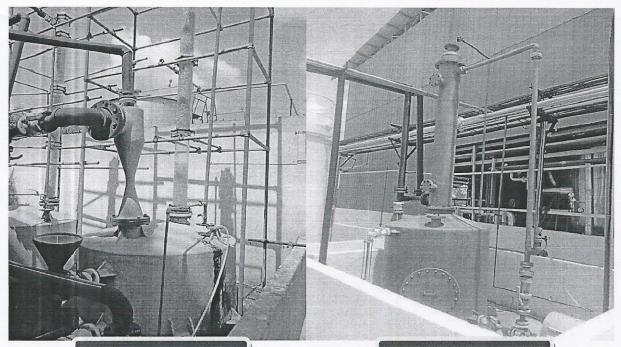
Annexure-02

Air Pollution Control Monitoring Equipment's (APCM) Photographs



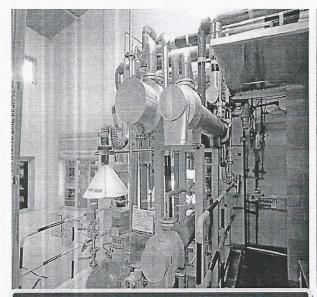
Photographs of Scrubbers and Primary/Secondary Condensers in Plants:



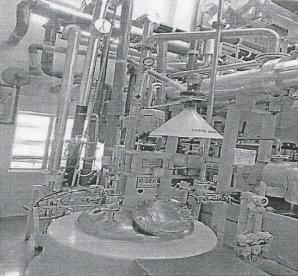


IBD-IX Scrubber

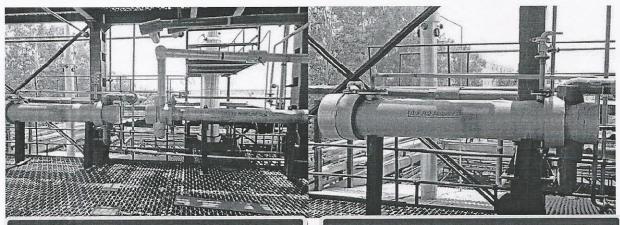
MEE Scrubber



IBD-II Primary and Secondary Condensers



IBD-III Fume Hood



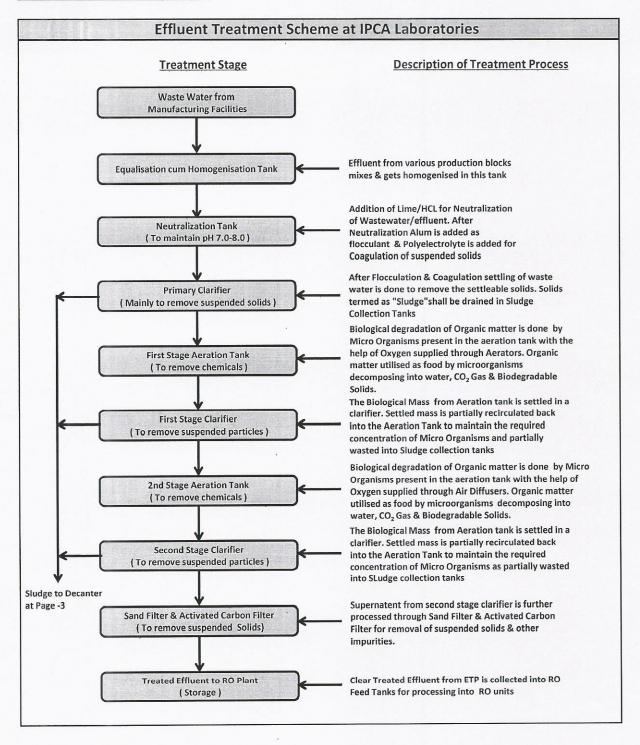
FDC Primary and Secondary Condensers

FDC Secondary Condensers

Annexure-03

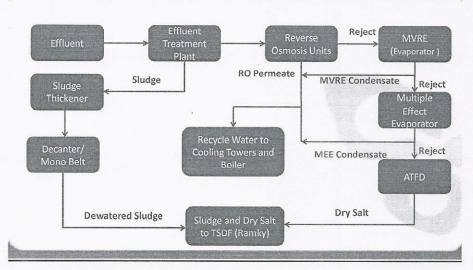
ETP & STP Details

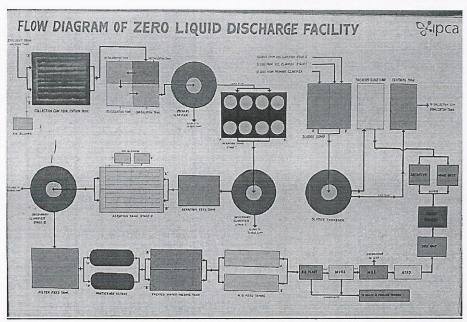
ETP Process Description:



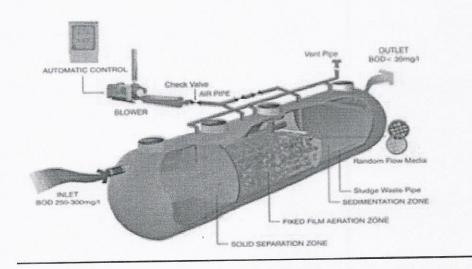
ZLD Flow Diagram

Supca Flow Diagram For Zero Liquid Discharge Facility





STP Flow Diagram



Details of Stripper

(Random Packed Bed Type Stripper)

Sr. No.	Parameter	Unit	Values
1.	Capacity (Organics)	Kg/Hr	237 Kg/Hr Solvent + 237 kg/hr Water
2.	Capacity (Feed)	Kg/Hr	7875
3.	Heating Media	NA	Dry Saturated Steam
4.	Steam Consumption	Kg//Hr	640
5.	Steam Pressure	Bar	3.0
6.	Power Connected/Consumed	KW	25/20
7	Cooling Water Supply	M3/hr	45

Imp.:- High COD Streams from Production plants are processed through the Stripper with above specifications for recovery of solvent traces.