

o/c



30.12.2019

IPCA/MHD/EHS/09

To,
The Member of Secretary ,
Maharashtra Pollution Control Board,
Kalpataru Point,
2/3/4th Floor ,
Sion- Matunga Scheme,
Road No.8, Sion East,
Mumbai-400022

Sub - Submission of EC Compliance Report

Respected Sir,

Today We are submitting EC compliance Report for the Period Jun-19 To Nov-19 in MPCB RO office for your reference and essential record.

Kindly acknowledge the Same.

Thanks and regards,


Kirtikumar V. Chavan
Executive - EHS

CC : 1.MOEF Office
2.MPCB RO Office


21/12/19
MAHARASHTRA POLLUTION CONTROL BOARD
Kalpataru Point, 3rd Floor, Sion Circle,
Opp. Cine Planet Cinema, Sion (E),
Mumbai - 400 022.
Tel: 24010437 / 24020781


21/12/19
M.P.C. Board, Regional Office, Sion East
G.B.D. Building, Near station-400 014.



31.12.2019

IPCA/MHD/EHS/09

To,
Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office(WCZ),Ground Floor, East wing,
New Secretariat Building Civil Lines, Nagpur-440001
Tel - 0712-2531318

Sub - Submission of EC Compliance Report

Respected Sir,

Today We are submitting EC compliance Report for the Period Jun-19 To Nov-19 in MoEF office for your reference and essential record.

Kindly acknowledge the Same.

Thanks and regards,


Kirtikumar V. Chavan
Executive - EHS

CC : 1.MPCB Sion Office
2.MPCB RO Office

भारतीय डाक



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भारतीय डाक



Ipca Laboratories Ltd.Mahad
EC General Condition Compliance

Sr. No.	EC Condition SEAC-2015/CR-375/TC-2	Status as on Dec-19
1	The PP to achieve Zero Liquid Discharge (ZLD) by incorporating Multiple Effect Evaporator which shall have an independent energy meter(delinked from ETP energy meter)	Agreed . We have separate energy meter for MEE plant de-linked with ETP. Complied. Photograph of independent energy meter is attached as Annexure 1
2	No additional Land shall be used/acquired for any activity of the project without obtaining proper permission.	Noted by the Unit
3	This environmental Clearance is issued subject to implementation of online air monitoring facility equipment.	Complied. We have CAQMS system, which is linked to CPCB server. The online air monitoring facility is installed. The photograph of online ambient air monitoring station is attached as Annexure 2
4	PP to provide STP having capacity 25 KLD next to ETP.	Complied. STP Plant installed and working normally Photograph of STP is attached as Annexure 3
5	All internal roads shall be of 6M width	Complied. Photograph of internal road is attached as Annexure 4
6	For controlling fugitive natural dust, regular sprinkling of water & wind shields at the appropriate distances in vulnerable areas of the plant shall be ensured.	Complied. All plants activities are in closed condition.
7	Proper Housekeeping programmers shall be implemented.	Complied. House keeping is being implemented as per the written procedure. (SOP/HRD/004-Procedure for housekeeping , cleaning and sanitation in factory premises).Attached Annexure -5
8	In the event of the failure of any pollution control system adopted by the Unit , the unit shall be immediately put out of operation and shall not be restarted until the desired efficiently	Agreed by the Unit and we given compliance's time to time, if any failure.

Sr. No.	EC Condition SEAC-2015/CR-375/TC-2	Status as on Dec-19
	has been achieve.	
9	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(if applicable)	<p>Available as EC standard Complied. The gaseous emission from the DG set is dispersed through stack of adequate height as per CPCB standards. The minimum height of stack is provided using the following formula (ref CPCB) $H = h + 0.2 \times \sqrt{KVA}$ H= Total height of stack in meter h= Height of the building in meters where the generator set is installed KVA= Total generator capacity of the set in KVA However, DG sets are being used only during emergency attached as Annexure 6</p>
10	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	<p>Complied. Available system for Rain water harvesting. Photographs of rain water harvesting is attached as Annexure 7</p>
11	Arrangement shall be made that effluent and storm water does not get mixed	<p>Complied. Storm water drainage is constructed and it is ensured that waste water is not mixing with it</p>
12	Periodic monitoring of ground water shall be undertaken and results analyzed to assertions any change in the quantity of water. Result shall be regularly submitted to the Maharashtra Pollution Control Board.	<p>No ground water source available at site. We done sampling from bore-well which is located 5 km away from the site. Photograph Attached as Annexure No. 8</p>

Sr. No.	EC Condition SEAC-2015/CR-375/TC-2	Status as on Dec-19						
13	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided	Noise level Results for people working area shown as below : Day time Standard: < 90 Night Time standards- <70 Annexure No.9						
		Area	Jun-19		Jul-19		Aug-19	
			Day Time	Night Tim	Day Time	Night Tim	Day Time	Night Tim
		Near plant no.3	62.3	60.0	60.9	59.2	65.7	58.6
		Near Maintenace area	70.6	61.4	71.2	62.7	72.3	64.2
		Near boiler area	71.3	67.3	69.3	66.0	69.9	65.3
		Area	Sept-19		Oct-19		Nov-19	
			Day Time	Night Tim	Day Time	Night Tim	Day Time	Night Tim
		Near plant no.3	65.8	58.3	69.1	64.1	73.9	68.7
		Near Maintenace area	69.9	61.8	68.6	62.2	74.0	66.4
Near boiler area	71.3	58.7	69.8	63.9	73.5	67.0		

Sr. No.	EC Condition SEAC-2015/CR-375/TC-2	Status as on Dec-19						
14	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods , silencers, enclosures, etc. On all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act,1986 Rules, 1989.	Details of Noise levels and its monitoring is given in following table : Day time Standard: < 90 Night Time standards- <70 Annexure No.-10						
		Area	Jun-19		Jul-19		Aug-19	
			Day Time	Night Tim	Day Time	Night Tim	Day Time	Night Tim
		Near main gate	65.2	59.2	67.3	57.8	69.9	61.8
		Near ETP	63.6	53.9	61.6	50.4	66.7	60.9
		Near hydrogen cylinder storage	68.0	56.5	67.7	54.3	68.9	63.3
		Area	Sept-19		Oct-19		Nov-19	
			Day Time	Night Tim	Day Time	Night Tim	Day Time	Night Tim
		Near main gate	69.1	65.5	68.1	66.6	67.5	65.4
Near ETP	68.8	60.9	69.3	64.4	65.9	63.5		
Near hydrogen cylinder storage	65.1	62.1	72.0	68.9	68.3	63.0		

Sr. No.	EC Condition SEAC-2015/CR-375/TC-2	Status as on Dec-19
15	Green Belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DEO/Agriculture Dept.	Not complied Existing we don't have space for Green Belt development. We communicated to MIDC for land to develop the green belt
16	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	Complied. We installed Fixed gas detectors at Risk Zone. The gas detectors are installed at various places. Photograph of the same is attached as Annexure-11
17	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Complied. Regularly check up done & Form 7 maintained. Report of routine medical health check up and copy of record is attached as Annexure-12
18	The Company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	<ul style="list-style-type: none"> ● Reactor condenser are connected with necessary cooling arrangement like Brine, chilling, cooling water etc. ● Mechanical seal pumps are used for solvent Handling ● For effective efficient condensers has been installed after calculating required HTA ● Solvents are stored separately as per PESO norms ● Proper Earthing has been provided to all equipment's and one in year regular inspections are done to maintain continuity. ● All electrical fittings are Flame-proof. ● Solvent storage tank has been provided with suitable safety systems like flame arrestors, Fire Hydrant system etc.
19	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules, 2003(Amended). Authorization from the MPCB shall be obtained for collections/treatment storage disposal of Hazardous wastes.	The company has obtained MPCB consent regarding this handling and disposal waste. Consent Order No.: -Format1.OBO/AS(T)/UAN No.00000376/CC-1905000001 dated 02.05.19

Sr. No.	EC Condition SEAC-2015/CR-375/TC-2	Status as on Dec-19
20	<p>The company Shall undertake following Waste Minimization Measures:</p> <ul style="list-style-type: none"> *Metering of quantities of active ingredients to minimize waste. *Reuse of By-products from the process as raw material or as raw material substitutes in other process. *Maximizing Recoveries. *Use of automated material transfer system to minimize spillage. 	<ul style="list-style-type: none"> ● We have metering facility for the incoming effluent which is generated from active in-gradients. ● We have separate recovery plant for recoveries ● We have installed PTS system for spillage control
21	<p>Regular mock-drills for the On-site emergency management plan shall be carried out. Implementation of changes/ improvements required, if any, in the on-site management plan shall be ensured.</p>	<p>We done regularly Mock-drill. We have On- site emergency plan. Front page of Mock-drill photographs is attached as Annexure - 13</p>
22	<p>A separate environment management cell with qualified shall be set up for implementation of the stipulated environment safeguards.</p>	<p>Complied. Available Separate Environment Management Cell equipped with full fledged laboratory facility is available.</p>
23	<p>Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.</p>	<p>Noted by the unit</p>
24	<p>In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.</p>	<p>Noted by the unit</p>

Annexure 1 MEE Energy Flow Meter



Annexure 2 Air Monitoring System



Annexure No.-3- Sewage Treatment Plant



Annexure -4 Internal Roads



Ipca Laboratories Limited,(Mahad)

SOP NO.: SOP/HRD/004

Format No.: F/HRD/001(05)

CLEANING AND SANITISATION RECORD (OTHER THAN PRODUCTION MFG.BLOCK,STORES AND QC AREA)

Month: Jan. 2020

Page No.: 01 of 02

Area	Date														
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
• Road रोड	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Passage पैसेज	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• W/C and Urinals W/C आणि युरिनल्स	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Floors of W/C and Urinals W/C आणि युरिनल्सचे फ्लोर्स	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
** Wall of W/C and Urinals युरिनल्स आणि W/C च्या भिती	-	-	-	-	✓	✓	-	-	-	-	-	✓	-	-	-
• Floor of Office ऑफिसचे फ्लोर्स	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
** In Office Tube lights/Doors/fans exhaust fans/Ac Units ऑफिस/ट्युबलाईट्स/दरवाजे/ फॅन/एक्झॉस्ट फॅन AC युनिट्स	-	-	-	-	✓	-	-	-	-	-	-	✓	-	-	✓
Cleaned By :	Shesale	Shesale	Kamble	Shesale	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble
Checked by :	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP

Remarks: • Activities to be carried out on daily basis or when as required. दैनंदिन रित्या किंवा आवश्यकते नुसार अंकीवीटीजचे अनुसरण करा.

**Activities to be carried out once in a 15 ± 3 days or when as required. 15 ± 3 दिवसातुन एकदा किंवा आवश्यकते नुसार अंकीवीटीजचे अनुसरण करा.

UNCONTROLLED COPY
NOT FOR OPERATIONAL USE

Annexure No- 6 - D.G Set Stack



Annexure No.7-Rain Harvesting System



Annexure No- 8 Ground Water Sampling



Annexure No.-11- Gas Detection System



DR. RANJEET KALE

FORM NO. 7
HEALTH REGISTER

From: 17.08.2019
To: 16.08.2020

One More to be furnished along with a valid photo (4.5 cm x 3.5 cm) and valid (14 print-out) card.

For non-regular persons employed in occupations defined in the description given under section 371.

Note: If person is disabled category, must be marked otherwise mark as 'N' under category.

COMPANY NAME - EXCELLENT SWIND

Sl. No.	Category	Employee No.	Name of Employee	AGE (Last date only)	SEX	Own or dependent work	Date of joining of service (other)	Reason for leaving of service (discharge)	Nature of job or occupation	Does he work in hazardous or product handling	Particulars of medical examination conducted	Received to him any special certificate with vision of any person	Signature of authorized person in charge of company register
1	271		HEETAJ LADAV		Male				PRODUCTION				

Dr. Prakash Kulkarni
District Medical Officer
Mumbai

Annexure - 13- Mock-drill photographs

