

Asian Paints Limited

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Date - 29.05.2023

APL/APPCB/HY_CFO/May-23

To,
The Member Secretary
Andhra Pradesh Pollution Control Board (APPCB)
Chalamalavari Street,
Kasturibaipet,
Vijayawada-520010.

Sub.: Reg. Half yearly Compliance to CFO - Consent for operation 5 Lakh KLPA capacity Paint & 2 Lakh KLPA Resins / Water based polymers Manufacturing Plant at Plot no 3, 4 and UDL, Industrial Clutter- Pudi (V), Rambilli (M), Visakhapatnam District

Ref: Consent Order No: APPCB/VSP/VSP/400/HO/CFO/2018 dtd: 1st January-2019.

Dear Sir,

As per the Consent for Operation dated 1st January 2019 i.e. operations of a 5 Lakh KLPA capacity Paint & 2 Lakh KLPA Resins / Water based polymers Manufacturing Plant at Plot no 3, 4 and UDL, Industrial Clutter- Pudi (V), Rambilli (M), Visakhapatnam District, please find enclosed herewith report for Half Yearly compliance of CFO for the period Oct'22 to Mar'23 for your perusal. We trust you will find the same in order.

We thank you for your continued support.

Thanking You,

For Asian Paints Limited.

B JAGANNATH
Associate General Manager

Email: compliance.visakhapatnam@asianpaints.com

CC:

1. The Regional officer, AP Pollution Control Board, Visakhapatnam.

Enclosure:

- 1. Half Yearly CFO Compliance Report with Annexures.
- 2. Copy of Consent for Operation (CFO).



Half Yearly Compliance-May'23

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File No.APPCB-11022/1/2019-TEC-CFO-APPCB

S	S.NO	Sche	dule wise Co	nditions	4		Compliance	
	ral Cond		date wise co	- Indictions			Compliance	
i. Outlets for discharge of effluents							and the state of t	
	Outlet No	Outlet Description	Max Daily Discharge		Point of Disp	osal		
	1	Trade Effluent : Process, raw water treatment plant (back washes) Boiler, Coolig tower, scrubbers and washings	80.0 KLD	Plant. Co shall be makeup	treated in ETP, ondensate from used in process . RO rejects & M disposed in ATF	the RO & MEE , cooling tower IEE concentrate	Trade effluent are being treated ETF MEE & RO Plant. Condensate from th RO & MEE are being reused in process cooling tower makeup. RO rejects of MEE concentrate are being disposed in ATFD. We have not exceeded the permitted daily qty in last six months.	
	2	Domestic Effluent	50.0 KLD		used for flushin ng after treatme		Domestic effluent are being treated in STP and are being used for flushing/utilities/ gardening. We have not exceeded the permitted daily qty in last six months.	
.	Emission	s from chimneys:						
1	Chimney No.	Description of Chimney	Quantity of	Emission	s at peak flow	(m³/hr)		
	1	Attached to 2*3.0 TPH HSD fired boiler					Chimnies are available as per the details herewith.	
	2	Attached to 0.3 TPH HSD fired boiler			•••			
r	3	Attached to 0.8 TPD incinerator						
	4	Attached to 2-2000 KVA, 2*1010 KVA & 1*500 KVA DG Sets			•••			
	Hazarou	s waste authorization (Form-II) [Sec	e Rule 6 (2)]:	1	W 5		I	
٤	granted a Wastes n	n Paints Limited, Plot No.3, Plot No in authorization to operate a facility amely: is waste with disposal option						
	S. No.	Name of Hazardous Waste	Stream Schedule - I	(Quantity	Disposal Option		
	1	Oil contaminated wash water & sludge	3.1	15	Tons/annum	,		
	2	Sludge and filters contaminated with oil	3.3	15	Tons/annum			
	3	Spent Carbon	36.2	10	Tons/annum	×		
	4	Distillation Residue	20.3	80	Tons/annum	Shall be	Waste generated are being disposed	
	5	Waste / residue such as filter aids	23.1	30	Tons/annum	disposed by incineration in	TCDE	
	6	Chemical containing residue arising from decontamination	34.1	30	Tons/annum	house / at TSDF/ Co-		
-	· · · · · · · · · · · · · · · · · · ·	Spent ion exchange resin containing			Tons/annum	processing in cement plants.		

	8	Chemical sludge from waste water treatment (dry basis)	35.3	600	Tons/annum		Waste generated are being disposed at
	9	Oil & grease skimming residue	34.4	20	Tons/annum	×	TSDF.
	10	Contaminated aromatic, aliphatic or naphthenic solvents, may or may not be fit for reuse.	20.1	160	Tons/annum	Shall be disposed by incineration in	
	11	Process Waste	21.1	1000	Tons/annum	house or at TSDF/ Co- processing/	Only process waste and waste residue has been disposed at TSDF. There is no generation of Contaminated aromatic
	12	Waste / residues	23.1	115	Tons/annum	sale to authorized recyclers.	aliphatic or napthenic solvent.
-	13	Flue gas cleaning residue	34.1	10	Tons/annum	Shall be	Incinerator is not used/operated and
	14	Ash from incineration of hazardous waste	37.2	250	Tons/annum	disposed to secured landfill	sending waste to authorised TSDF hence there is no waste generation
	15	Discarded Asbestos	15.2	10	Tons/annum	at TSDF.	We are asbestos free plant hence no generateion of waste
ii) F	Hazardou	s waste with recycling option:					
	S. No.	Name of Hazardous Waste	Stream Schedule - I		ntity after kpansion	Method of Disposal	
	1	Used/Spent Oil	5.1	50	MT/Annum	Shall be disposed to recyclers authorized by APPCB	In last six month there has not been any generation of used/Spent oil.
	2	Discarded containers/barrels/liners contaminated with hazardous wastes/chemical liners	33.1	85	MT/Annum	Shall be disposed to outside agencies after	Disposal is happening only afte
	3	Discarded containers/barrels/liners contaminated with hazardous wastes/chemicals (Barrels/Carboys/Drums/Totes/IBC's)	33.1	45000	Numbers/Ann um	detoxification/inc inration at TSDF/Co- processing Cement units	inhouse detoxification at our dedicate cleaning facility.
4 1	This conse	nt order is valid for manufacture the	following prod	lucts alo	ng with quantit	ies indicated on	ly:
+	S. No.	Product Name			Quntity	<i>!</i>	
		un de franchische Contracte Contracte (Contracte Contracte Contrac				9	
	1	Paints			5 Lack KL/Ar	num	Total paint produced during the perio of Oct'22 to Mar'23 is 109922.85 KI Total financial year 2022-2 production of water based Polymers i 217041.68 MT
	2	Paints Resins and water based Polymers		2	5 Lack KL/Ar Lack Tons of Sc (TSR)/Ann	ilids Resin	of Oct'22 to Mar'23 is 109922.85 Kl Total financial year 2022-2 production of water based Polymers i
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	Schedule -A	
1	Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.	It has been noted and will be complied
2	The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.	It has been noted and is being complied. Monitoring of stack emission & treated effluent parameters are being done by NABL accredited labs on monthly basis and the reports were submitting to PCB-Regional office for every quarter. Attached reports of analysis in Annexure 1
3	All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.	It has been noted and are being complied.
4	The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.	It has been noted and is being complied. Photograph pf Display Board has been attached herewith as Annexure 2.
5	Not withstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.	It has been noted.
6	The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Environment statement in Form V is being submitted before 30th Sep every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
7	The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under H&OW (M&TM) Rules, 2016 at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.	It has been noted and complied.
8	Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.	It has been noted.

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4 Cooling Tower 350 20 meters are installed. Quantity of w consumption in each stream are be somewhere the personal process of the tolerance limits mentioned below. Total			Schedule -B						
S. No. Purpose Quantity) WATER	POLLUTION							
S. No. Purpose Quantity	The sour	ce of water is APIIC Supply. The following is the maxi	mum permitted water co	nsumption:					
S. No. Purpose Fresh Recycled									
1 Process 2 Raw Water Treatement Plant (Back washes) 1 0	S. No.	Purpose			-				
2 Raw Water Treatement Plant (Back washes) 10 3 Boiler 35 4 Cooling Tower 350 20 5 Washings 80 30 6 Domestic 80 30 7 Gardening 85 50 7 Gardening 85 50 1600 Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned below The effluent discharged should not contain constituents in excess of the tolerance limits mentioned below. Dutlet	1				-				
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first 15 minutes of rain. measuring facility.	The industank colle	ection sump.			collect the storm water in a Storm water reservoir As per AEE and EE advice, we are preparin a sump to collect the 15 minutes rainwater.				

The industry shall install web camera to flow meters along with commissioning of

6

the plant.

We are complying for the condition i.e.

web camera has been installed to flow

meters. Photograph of camera has been

attached herewith as Annexure 3.

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b)	AIR POLLUTION:					
7	The emissions shall not contain constituents in excess of the prescribed limits mentioned below:					
	Chimney No.	Parameter	itandard			
	1&2			mg/Nm³		
		Particulate Matter	50	mg/Nm³		
		HCI	50	mg/Nm³		
		SO ₂	200	mg/Nm ³		
		co	100	mg/Nm ³	 Stack emission monitoring are being done	
		Total Organic Carbon	20	mg/Nm ³	by external lab recognized by Govt. of India	
		HF	4	mg/Nm ³	-MoEF & CC, accredited by NABL & NABET.	
	3	Nox (NO and NO ₂ expressed as NO ₂)	400	mg/Nm ³	The emission parameter has been found to	
		Total Dioxin and furans	0.1	ngTEQ/Nm	be well within the limits. The test results are being communicated to good office	
		Cd+Th+their compounds	0.05	mg/Nm ³	APPCB on quarterly basis.	
		Hg and its compounds	0.05	mg/Nm³		
		Sb+As+Pb+Co+Cr+Cu+Mn+ni+V+Their compounds	0.05	mg/Nm ³		
time and turbulence, as to achieve Total Organic Carbo		ation plants shall be operated (combustion chambers) with s turbulence, as to achieve Total Organic Carbon (TOC) conten than 3% or their loss on ignition is less than 5% of the dry w	t in the slag and		period i.e. Apr'22 to Sep'22. Incinerator photo has been attached herewith as Annexure 4.	
8	The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10 micro grams) - 100 micro gram/ m3; PM2.5 (Particulate Matter size less than 2.5 micro grams) - 60 micro gram/ m3; SO2 - 80 micro gram/ m3; NOx - 80 micro gram/m3, outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009. Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A)					
9	The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Act Rules. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 9.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.				on monitoring from DG sets are being ated to good office APPCB on quarterly	
10	The industry shall include VOC analyzer in the CAAQM station within 1 month and report the compliance to Regional Office, Visakhapatnam. We have VOC analyzer in the CAAQM station.					

11	The industry shall maintain scrubber to control the process emissions and online pH monitoring data shall be submitted to the RO, Visakhapatnam on monthly basis. The effluent from the scrubber shall be routed to the ETP.				control the pro	have been installed to monitor and to ocess emissions; Submitting the online data to RO-APPCB on monthly basis. All he scrubber are being treated in ETP
12	and immediate response team shall be identified for preventive maintenance.				of preventive maintenance in place to ate response to any leaks or equipment e.	
13	The industry shall not cause any air pollution/odour nuisance in the surrounding				significantly at	ling air pollution and odour nuisance all places and are always strived for ment in this regards.
14	The industry shall take all measures to control fugitive emissions generated from transfer points.			to manufacturi Adequate con transferring like dust into atmo and measures a	which are in powder form is transferred ing process through closed pipeline. trol measures are ensured while e usage of bag filters to avoid powder sphere. Additionally, maximum efforts are being taken to control if any fugitive ated from the transfer points.	
c)	Solid Was	te:				
15	The indust	try shall dispose solid waste (NON HAZARDOUS) as fo	llows			
	S. No.	Non-Hazardous Waste Type	(Quantity	Disposal	
	1	Paper Waste	1600	Tons/annum		
	2	Non contaminated Plastic Waste (excluding the RM containers)	500	Tons/annum	x 1	
	3	Non contaminated Metal Waste (excluding the RM containers)	200	Tons/annum	Shall be	We are disposing the said waste
	4	Non contaminated Plastic RM Containers	53000	Nos/Annum	disposed to	through recyclers only.
	5	Non contaminated Metal RM Containers	14100	Nos/Annum	recyclers	
	6	Inert Powder Waste	210	Tons/annum		
	7	Non contaminated Wooden Waste Non contaminated Miscellaneous Waste	1950	Tons/annum	-	
CEN	8 FRAI	Non contaminated Miscenarieous waste	240	Tons/annum		
	The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board: a. Daily production details (ER-1 Central Excise Returns). b. Quantity of Effluents generated, treated, recycled/reused. c. Log Books for pollution control systems. d. Characteristics of effluents and emissions. e. Hazardous/non hazardous solid waste generated and disposed. f. Inspection book. g. Manifest copies of effluents / hazardous waste.				the data is being maintained as per the	
17	The industry shall place the chemical drums on concrete platform only. The Platform shall be provided with sufficient dyke wall and spillage collection system.			concrete platfo	cal drums are placed and stored on rm only. The platform are provided with wall and spillage collection system.	
18	The indus	try shall provide black top / cement internal roads.			Industry has pro	ovided black top / cement internal

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19	The industry shall maintain records of chemical consumption for pollution control.	We are maintaining records of chemical consumption for pollution control and are always trying for the continual improvement on pollution reduction/abatment.
20	I the industry shall maintain good house keening within the plant premises	Noted, a dedicated team has been deployed on daily housekeeping within the plant premises.
21	constructed to avoid mixing of accidental spillages with domestic waste and storm	Noted, complete precaution is being taken during transfer of material, garland drains has been constructed to avoid mixing of accidental spillages with domestic waste and storm water drains.
22	The industry shall isolate the storage of highly flammable chemicals, solvents & other raw materials from the rest of facilities in the plant premises	Noted, we have isolated the storage of highly flammable chemicals, solvents & other raw materials from the rest of facilities in the plant premises.
23	The industry shall ensure that there shall not be any change in the process technology, source of raw material and scope of working without prior approval from the Board.	Noted, the same will be complied and ensured.
24	Thick green belt shall be developed & maintained by the industry with tall growing trees all along the boundary of the plant and in the vacant place in an area of minimum 33% of total area.	Noted, a fully developed green belt with tall growing trees all along the boundary of the plant and in the vacant place has been maintained as per the compliance requirement. Currently there is green belt of 36 % of total area 113 acres.
25	Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.	Noted, we are complying for all other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB as and when received.
	Schedule -C [See rule 6(2)] [CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OF HAZARDOUS WASTES]	PERATOR HANDLING
1	All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E(P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.	Notes, we are ensuring and complying all the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E(P) Act, 1986
		in respect of management, handling, transportation and storage of the Hazardous wastes.
2	The industry shall not store hazardous waste for more than 90 days as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof.	in respect of management, handling, transportation and storage of the Hazardous wastes. Noted, we are always disposing hazardous waste within the storage days limit of 90 days as per Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments there of.
3	The industry shall not store hazardous waste for more than 90 days as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016	and storage of the Hazardous wastes. Noted, we are always disposing hazardous waste within the storage days limit of 90 days as per Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and

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5	The industry shall maintain proper records for Hazardous & other wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 6 (5) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof.	Noted, we maintain proper records for Hazardous & other wastes stated in Authorization in FORM-3 i.e. quantity of Incinerable waste, land disposal waste recyclable waste etc., and file annual returns in Form-4 as per Rule 6 (5) of the Hazardous & Other Waste: (Management & Transboundary Movement) Rules 2016 and amendments thereof. was noted and being complied	
6	The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule A, B & C of this Order on half yearly basis to Board Office, Vijayawada and concerned Regional Office.	Noted, we are submitting the condition wise compliance report of the conditions stipulated in Schedule A, B & C of this Order on half yearly basis to Board Office, Vijayawada and concerned Regional Office.	

For Asian Paints Limited (N)

B. Jagannath

Authorized Signatory

Associate General Manager