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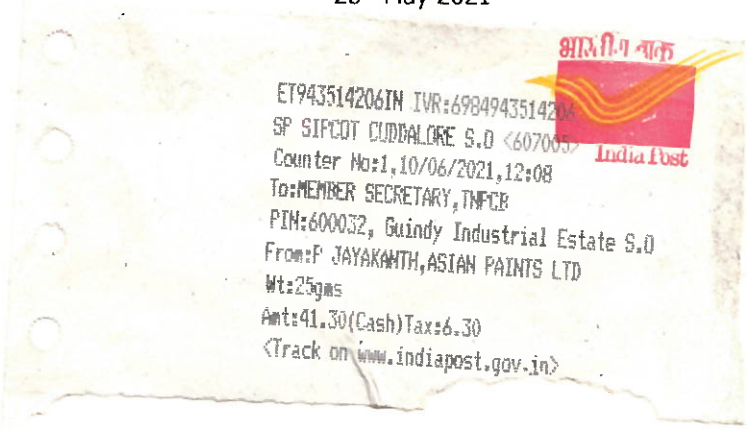
asianpaints
ASIAN PAINTS LIMITED
PENTA DIVISION
AN ISO 9001
ISO 14001 &
OHSAS 18001 UNIT

Corporate Identification Number (CIN) : L24220MH1945PLC004598
For Shares related queries, email to investor.relations@asianpaints.com
For Customer queries / complaints / Dealership enquiries,
email to customercare@asianpaints.com
For HR related queries, email to careers@asianpaints.com
For Media related queries, e-mail to proffice@asianpaints.com
Pan : AAACA3622K
GST No. 33AAACA3622K1Z2

Asian Paints Limited
B-5 to B-10 Sipcot
Industrial Complex,
Kudikadu Village,
Cuddalore - 607 005.
Tamil Nadu
Tel.No-04142-239248
www.asianpaints.com

APL/CDL/TNPCB/FORM-5/2021-22

28th May 2021



To

The Member Secretary,

Tamil Nadu Pollution Control board,

76, Mount Salai,

Guindy,

Chennai – 600 032.

Dear Sir,

Sub: Submission of Environmental Statement as on 31.03.2021 FORM-V.

We are enclosing herewith the Environmental statement (FORM-V)/Annual implementation report for the Financial Year 2020 -2021.

This is for your kind perusal.

Thanking you,

Yours faithfully,
for **ASIAN PAINTS LIMITED**

P. Jayakanthan

P.Jayakanthan
Senior Production Manager
Encl: Environmental statement**. FORM-V**

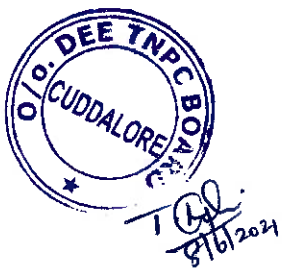
CC TO.
The District Environmental Engineer,

Tamil Nadu Pollution Control Board,

A-3, SIPCOT Industrial Complex,

Near SIPCOT Fire Station,

CUDDALORE – 607 005



FORM V
Environment Statement for the Financial Year ending 31st March 2021

PART A

1. Name and address of the Owner/Occupier of the Industry operation or Process	:	Shri. K.B. S. ANAND. MANAGING DIRECTOR AND CEO ASIAN PAINTS LIMITED PENTA DIVISION B5 - B10 SIPCOT INDUSTRIAL COMPLEX CUDDALORE 607 005.
2. Industry/Category Primary (STC Code)	:	Red / Large
Secondary (STC Code)	:	
3. Production Capacity	:	**Consented Quantity:** PENTA ERYTHRITOL 730 MT/MONTH SODIUM FORMATE 480 MT/MONTH FORMALDEHYDE 675 MT/MONTH
4. Year of establishment	:	1986
5. Date of the last environmental Statement submitted	:	21.07.2020

PART-B
WATER AND RAW MATERIAL CONSUMPTION

Water Consumption Cu.M/day	:	584.77
Process Cu.M/day	:	33.20
Cooling/Boiler feed Cu.M/day	:	490.32
Domestic Cu.M/day	:	37.14

Name of products Process water consumption per product output		
	During the previous (2019-20) financial year M^3/MT	**During the current (2020-21) financial year M^3/MT**
Penta erythiritol Note 1	28.405	29.133
Sodium Formate Note 1	50.878	47.773
Formaldehyde Note 1 (100%)	24.648	26.861

Note1: The water consumption shown above is net of recovered water from Zero Liquid Discharge system.

P. Jayakar

PART G

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

- In the year 2020-2021, we had achieved the specific water consumption of 27.51 KL/MT of PENTA from 27.49 KL/MT of PENTA due to various measurements..
- In the year 2020-2021, the specific Steam consumption is 19.20 MT of PENTA
- In the year 2020-2021, Specific Power consumption is 1376 kWh/MTof PENTA
- Around 450 tree saplings were planted in our factory premises for the FY 2020-2021.
- The effluent generation is being periodically monitored on shift-wise basis and appropriate action is taken to reduce the effluent generation from source itself.
- The Effluent Treatment Plant is being operated as per the established operating procedure and the performance is being monitored closely to ensure consistent COD & BOD reduction across aeration system.
- The Sewage Treatment plant was successfully operated for achieving the sewage standards and the treated water is used for gardening purpose.
- Recovered water from the Zero Liquid Discharge system is used in our Cooling tower.
- Water treatment plant performance is maintained at average output between regeneration of 1350 KL.
- Wash water re usage in our crude belt filter is practised.
- The ambient air and various emission discharge points of boiler stack and process stacks are being monitored at regular intervals by engaging external laboratory and Advanced environmental lab, TNPCB. The quality of the emission from the emission points are well within TNPCB norms.
- The sludge generated from ETP and ATFD (ZLD unit) is being sent to TNWMA, Gummidipoondi for disposal as and when required.
- Distillation residue generated from process is sent to M/s GEPIL, Ranipet for disposal.

P. Jayakanthan

- Sprinkler systems is used for gardening purpose.

AIR EMISSION MONITORING

- We are monitoring the ambient air quality weekly twice at two different locations. (Both up wind and Downwind directions.)

- We have been regularly monitoring boiler stack emission by engaging reputed laboratories / TNPCB's laboratory.

- We are monitoring the Ambient VOC / THC / AAQ , in different locations (Both upwind and down wind direction) once in three months and ensured that the values are well within the limit.

- One online NAAQ monitoring station has been installed in predominant wind direction in consultation with TNPCB officials to monitor $PM_{2.5}$, PM10, SO2 & NOx and the monitored data's are uploaded to CARE AIR CENTRE, TNPCB.

- One TVOC meter was installed in the process area and the monitored data is uploaded to CARE AIR CENTRE, TNPCB.

- LDAR is being carried out on a regular basis by which the VOC emissions were identified and controlled.

Details of activities carried out to maintain the ambient air quality are as follows: -

- Online NAAQ monitoring station has been installed and connected with care air system.

- The entire fuel handling systems in our boiler has been completely covered to avoid dust emission while handling fuel and ash.

- LDAR is being carried out using MoEF approved Laboratory once in a year as per consent requirement and the leaks if any were arrested.

ENVIRONMENT & SAFETY MANAGEMENT: ISO 14001: OHSAS 18001

- We have designed and implemented the Environmental Management System (EMS) as per the international standard ISO 14001. This system is being regularly audited every six months by M/s Det Norske Veritas (DNV /GL).

P. Jayakantha

PART - I

Any other particulars for improving the quality of the environment.

- We are conducting characterisation of the effluent and recycling the same in the plant for various process applications.
- Process Automation and Trench Elimination projects were implemented by which the recycles has come down leading to reduction in resource consumption.
- Solar dryers in sludge drying beds for improving the drying efficiency of the sludge drying beds is performing well.
- Thee rain water harvesting trenches in the boiler area was constructed for effective harvesting of rain water

CSR activities carried out during FY 2020-21

Area	Amount in Lakhs	Activities
Poondiyankuppam	6.6	Construction of compound wall @Govt.Hr. Sec. School, Poondiyankuppam
Eachankadu Village	2.9	School Building Painting work at Primary School, Eachankadu Village
SIPCOT Project Office	3.5	Sponsoring PVC Pipes to SIPCOT Project Office, Cuddalore
Primary Health Centers	8.6	Renovation of Toilet @ Help Age India Old Age Home
Renovation of Toilet	4.3	Renovation of Toilet @ Help Age India Old Age Home
Thiruvendipuram	7.0	Construction of Class Room at Sri Vidya KalaKendram Matric School Tiruvendipuram
Total Spending	32.9	(Forty Lakh Rupees)

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