

ENVIRONMENTAL STATEMENT REPORT

FOR THE FINANCIAL YEAR ENDING

THE 31ST MARCH, 2018.

IN RESPECT OF

M/S. ALMEGA PAINTS PRIVATE LTD.

VILL & P.O- TULSIBERIA, P.S- ULUBERIA

DIST. : HOHRAH, PIN – 711 401

WEST BENGAL

**M/S. ALMEGA PAINTS PRIVATE LTD.
VILL & P.O- TULSIBERIA,P.S- ULUBERIA
DIST. : HOHRAH, PIN - 711 401
WEST BENGAL**

FORM – V

**ENVIRONMENTAL STATEMENT REPORT FOR THE FINANCIAL YEAR
ENDING THE 31ST MARCH, 2018.**

PART – A

- | | |
|---|---|
| I) Name and address of the owner/occupier of the industry, operation or process | M/S. ALMEGA PAINTS PRIVATE LTD.
VILL & P.O- TULSIBERIA,P.S- ULUBERIA
DIST. : HOHRAH, PIN - 711 401
WEST BENGAL |
| II) Industry Category
Primary (SIC Code)
Secondary (SIC Code) | PAINTS & VARNISHES (MIXING AND BLENDING). |
| Production Capacity Units | (a) RESIN(SOLIDS) – 460 MT / Month (Max)
(b) PAINTS(WATER BASED & SOLVENT BASED - 3960 MT/ Month (Max) |
| IV) Year of Establishment | March,2010 |
| V) Date of the Last Environmental Statement Submitted | 25.09.2017 |

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PART – B

WATER AND RAW MATERIAL CONSUMPTION

I) <u>WATER CONSUMPTION</u>	<u>M³ / Day</u>
Process	12.0
Industrial Cooling	60.0
Domestic	15.0

<i>Name of Products</i>	<i>Process Water Consumption per product of out put</i>	
	<i>During the Previous financial year (Apr'16 – Mar'17)</i>	<i>During the Current financial year (Apr'17– Mar'18)</i>
1.RESIN (SOLIDS) 2.PAINTS(WATER BASED & SOLVENT BASED)	175.70 Kg/KL	224.67 Kg/KL

II) RAW MATERIALS CONSUMPTION

<i>Name of Products</i>	<i>Name of Raw Materials</i>	<i>Consumption of Raw Materials per unit of out put</i>	
		<i>During the Previous financial year (Apr'16 – Mar'17)</i>	<i>During the Current financial year (Apr'17– Mar'18)</i>
1.RESIN (SOLIDS) 2.PAINTS(WATER BASED & SOLVENT BASED)		(PLEASE REFER ANNEXURE –I) FOR DETAILS	

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PART – C

(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutant discharged (Mass/day)	Concentration of Pollutants in discharges (Mass/Volume)	Prescribed Standard or Limit (mg/l)	*Percentage of variation from prescribed standards with reason
<u>A. WATER</u>				
pH	--	6.7	6.0 – 8.5	--
T.S.S.	1.465 Kg/ day	63.0 mg/ l	100.0 mg/l	(+) 37.0 %
C.O.D.	3.023 Kg/ day	130.0 mg/ l	--	--
B.O.D	0.558 Kg/ day	24.0 mg/ l	50.0 mg/l	(+) 52.0 %
O & G	0.093 Kg/ day	4.0 mg/ l	10.0 mg/ l	(+) 60.0 %
C ₆ H ₅ OH	0.007 Kg/ day	0.3 mg/ l	1.0 mg/l	(+) 70.0 %
Cr ⁺⁶	--	*BDL	0.1 mg/ l	--
Pb	--	*BDL	0.1 mg/ l	--
Total Cr	0.019 Kg/ day	0.8 mg/ l	2.0 mg/ l	(+) 60.0 %
Cu	0.028 Kg/ day	1.2 mg/ l	2.0 mg/ l	(+) 40.0 %
Zn	0.056 Kg/ day	2.4 mg/ l	5.0 mg/ l	(+) 52.0 %
Ni	0.007 Kg/ day	0.3 mg/ l	2.0 mg/ l	(+) 85.0 %
*BDL = Below Detectable Limit				
<u>B. AIR</u>				
(i) SO₂ (Sulphur Di-Oxide)				
	2.644 Kg/ day	32.0 mg/ NM ³ (Thermic Fluid Heater no-1)	--	--
	2.485 Kg/ day	36.0 mg/ NM ³ (Thermic Fluid Heater no-2)	--	--
	0.020 Kg/ day	42.0 mg/ NM ³ (For 160 KVA D.G.SET -1)	--	--
	0.013 Kg/ day	36.0 mg/ NM ³ (For 160 KVA D.G.SET -2)	--	--
	0.026 Kg/ day	51.0 mg/ NM ³ (For 400 KVA D.G.SET)	--	--

(ii) PM
(Particulate Matter)

5.206 Kg/day	63.0 mg/ NM ³ (Thermic Fluid Heater no-1)	150 mg/NM ³	(+) 58.0 %
3.935 Kg/day	57.0 mg/ NM ³ (Thermic Fluid Heater no-2)	150 mg/NM ³	(+) 62.0 %
0.028 Kg/day	59.0 mg/ NM ³ (For 160 KVA D.G.SET -1)	150 mg/NM ³	(+) 60.67%
0.015 Kg/day	42.0 mg/ NM ³ (For 160 KVA D.G.SET -2)	150 mg/NM ³	(+) 72.0 %
0.040 Kg/day	78.0 mg/ NM ³ (For 400 KVA D.G.SET)	150 mg/NM ³	(+) 48.0 %

$$\text{* Percentage (\%) of Variation} = \frac{\text{Standard} - \text{Actual}}{\text{Standard}} \times 100$$

- (+) Means lower than standard
(-) Means higher than standard

NOTE :

- i) Water Pollution load has been calculated on the basis of Effluent water quantity as given in the Combined Consent Application Form for the year **2017-2018** and on the basis of effluent water sample carried out by **M/s. Envirotech East Pvt. Limited** on **29.12.2017**.
- ii) Air Pollution load has been calculated on the basis of stack emission report for the year **2017-2018** and on the basis of Stack Emission sample carried out by **M/s. Envirotech East Pvt. Limited** on **28 & 29.12.2017**

BASIS

A. WATER

Effluent (Industrial + Domestic) water Discharged = **23.25 M³/day**

B. AIR

- a) Thermic Fluid Heater no-1 running 16.8 hrs/day.
- b) Thermic Fluid Heater no-2 running 15.4hrs/day.
- c) 160 KVA Standby D.G.(No-1) Set is running 0.95hr./day (approx)
- d) 160 KVA Standby D.G.(No-2) Set is running 0.74hr./day (approx.).
- e) 400 KVA Standby D.G Set is running 0.99hr./day (approx.)
during **April' 2017- March'2018**.

POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT

POLLUTANT	Quantity Discharged (Kg/day)	Quantity Discharged per Unit of Output (Kg/KL)
A) <u>WATER</u>		
TSS	1.465 Kg/ day	0.0136 Kg/ unit of output
COD	3.023 Kg/ day	0.0281 Kg/ unit of output
BOD	0.558 Kg/ day	0.0052 Kg/ unit of output
O & G	0.093 Kg/ day	0.0009 Kg/ unit of output
Cr⁺⁶	--	--
Pb	--	--
Total Cr	0.019 Kg/ day	0.0002 Kg/ unit of output
Cu	0.028 Kg/ day	0.0003 Kg/ unit of output
Zn	0.056 Kg/ day	0.0005 Kg/ unit of output
C₆H₅OH	0.007 Kg/ day	0.0001 Kg/ unit of output
Ni	0.007 Kg/ day	0.0001 Kg/ unit of output
B) <u>AIR</u>		
SO₂	5.188 Kg/day	0.0482 Kg/ unit of output
PM	9.224 Kg/day	0.0858 Kg/ unit of output

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