

# **ENVIRONMENTAL STATEMENT REPORT**

**FOR THE FINANCIAL YEAR ENDING  
THE 31<sup>ST</sup> MARCH, 2017.**

*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 31<sup>ST</sup> MARCH, 2017.**

### **PART – A**

- |   |   |
|---|---|
| I) Name and address of the owner/occupier of the industry, operation or process | M/S. ALMEGA PAINTS PRIVATE LTD.<br>VILL & P.O- TULSIBERIA,P.S- ULUBERIA<br>DIST. : HOHRAH, PIN - 711 401<br>WEST BENGAL   |
| II) Industry Category<br>Primary (SIC Code)<br>Secondary (SIC Code)             | PAINTS & VARNISHES (MIXING AND BLENDING).   |
| Production Capacity Units   | (a) WATER BASED PAINTS – 1980MT / Month<br>(b) SOLVENT BASED PAINTS - 1980 MT/ Month<br>(c) RESIN- SOLIDS -- 460 MT/Month |
| IV) Year of Establishment   | March,2010  |
| V) Date of the Last Environmental Statement Submitted                           | 20.09.2016  |

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**PART – B**

**WATER AND RAW MATERIAL CONSUMPTION**

I) <b><u>WATER CONSUMPTION</u></b>	<b><u>M<sup>3</sup> / Day</u></b>
Process	2.1
Industrial Cooling	19.15
Domestic	5.65

<i>Name of Products</i>	<i>Process Water Consumption per product of out put</i>	
	<i>During the Previous financial year (Apr'15 – Mar'16)</i>	<i>During the Current financial year (Apr'16– Mar'17)</i>
WATER BASED PAINTS		
SOLVENT BASED PAINTS	178.61 Kg/KL	175.70 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'15 – Mar'16)</i>	<i>During the Current financial year (Apr'16– Mar'17)</i>
WATER BASED PAINTS			
SOLVENTBASED PAINTS			

**(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
<b>A. WATER</b>				
pH	--	7.11	5.5 – 9.0	--
T.S.S.	--	<2.0 mg/l	100.0 mg/l	(+) 98.0 %
C.O.D.	0.411 Kg/ day	47.0 mg/l	--	--
B.O.D	0.105 Kg/ day	12.0 mg/l	50.0 mg/l	(+) 76.0 %
O & G	--	<5.0 mg/l	10.0 mg/l	--
Cr <sup>+6</sup>	--	<0.01 mg/l	0.1 mg/l	--
Pb	--	<0.1 mg/l	0.1 mg/l	--
Total Cr	--	<0.05 mg/l	2.0 mg/l	--
Cu	--	<0.05 mg/l	2.0 mg/l	--
Zn	0.0001 Kg/ day	0.019 mg/l	5.0 mg/l	(+) 99.62 %
C <sub>6</sub> H <sub>5</sub> OH	--	<0.001 mg/l	1.0 mg/l	--
Total Heavy Metals	0.0001 Kg/ day	0.019 mg/l	7.0 mg/l	(+) 99.72 %
<b>B. AIR</b>				
<b>(i) SO<sub>2</sub> (Sulphur Di-Oxide)</b>				
	2.333 Kg/ day	71.29 mg/ NM <sup>3</sup> (Thermic Fluid Heater no-1)	--	--
	2.364 Kg/ day	82.56 mg/ NM <sup>3</sup> (Thermic Fluid Heater no-2)	--	--
	0.039 Kg/ day	94.64 mg/ NM <sup>3</sup> (For 160 KVA D.G.SET -1)	--	--
	0.012 Kg/ day	88.76 mg/ NM <sup>3</sup> (For 160 KVA D.G.SET -2)	--	--
	0.045 Kg/ day	103.03 mg/ NM <sup>3</sup> (For 400 KVA D.G.SET)	--	-

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<b>(ii) PM (Particulate Matter)</b>	2.050 Kg/day	62.64 mg/ NM <sup>3</sup> (Thermic Fluid Heater no-1)	150 mg/NM <sup>3</sup>	(+) 58.24.%
	1.628 Kg/day	56.85 mg/ NM <sup>3</sup> (Thermic Fluid Heater no-2)	150 mg/NM <sup>3</sup>	(+) 62.10.%
	0.018 Kg/day	44.34 mg/ NM <sup>3</sup> (For 160 KVA D.G.SET -1)	150 mg/NM <sup>3</sup>	(+) 70.44.%
	0.006 Kg/day	47.06 mg/ NM <sup>3</sup> (For 160 KVA D.G.SET -2)	150 mg/NM <sup>3</sup>	(+) 70.63.%
	0.028 Kg/day	63.59 mg/ NM <sup>3</sup> (For 400 KVA D.G.SET )	150 mg/NM <sup>3</sup>	(+) 57.61.%

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

(+) 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 **2016-2017** and on the basis of effluent water sample carried out by **M/s. Scientific Research Laboratory** on **26.12.2016**
- ii) Air Pollution load has been calculated on the basis of stack emission report for the year **2016-2017** and on the basis of Stack Emission sample carried out by **M/s. Scientific Research Laboratory** on **26.12.2016**

**BASIS**

**A. WATER**

Effluent (Industrial + Domestic) water Discharged = **8.75 M<sup>3</sup>/day**

**B. AIR**

- a) Thermic Fluid Heater no-1 running 16 hrs/day.
- b) Thermic Fluid Heater no-2 running 14 hrs/day.
- c) 160 KVA Standby D.G.(No-1) Set is running 0.88hr./day (approx)
- d) 160 KVA Standby D.G.(No-2) Set is running 0.32hr./day (approx.).
- e) 400 KVA Standby D.G Set is running 0.92hr./day (approx.)  
during **April' 2016- March'2017.**

**POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT**

<b>POLLUTANT</b>	<b>Quantity Discharged (Kg/day)</b>	<b>Quantity Discharged per Unit of Output (Kg/KL)</b>
<b>A) <u>WATER</u></b>		
TSS	--	--
COD	0.411 Kg/ day	0.0336 Kg/ unit of output
BOD	0.105 Kg/ day	0.0112 Kg/ unit of output
O & G	--	--
Cr <sup>+6</sup>	--	--
Pb	--	--
Total Cr	--	--
Cu	--	--
Zn	0.0001 Kg/ day	0.0112 Kg/ unit of output
C <sub>6</sub> H <sub>5</sub> OH	--	--
<b>Total Heavy Metals</b>	0.0001 Kg/ day	0.0112 Kg/ unit of output
<b>B) <u>AIR</u></b>		
SO <sub>2</sub>	4.793 Kg/day	0.0112 Kg/ unit of output
PM	3.730 Kg/day	0.0016 Kg/ unit of output

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