



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2018

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000014254

### Submitted Date

30-09-2018

## PART A

### Company Information

#### Company Name

InventyS Research Company Pvt. Ltd.

#### Application UAN number

12502

#### Address

K-38, Five Star Industrial Area MIDC Butibori  
Nagpur

#### Plot no

K-38

#### Taluka

Hingna

#### Village

Kirmiti

#### Capital Investment (In lakhs)

10364

#### Scale

MSI

#### City

Nagpur

#### Pincode

441122

#### Person Name

Shrinivas Holenavar

#### Designation

Works Manager

#### Telephone Number

9619666339

#### Fax Number

9619666339

#### Email

shrinivash@inventys.in

#### Region

SRO-Nagpur II

#### Industry Category

#### Industry Type

other

#### Last Environmental statement submitted online

yes

#### Consent Number

BO/CAC-Cell/UAN No  
14513/4thCAC/1711000857

#### Consent Issue Date

24/11/2017

#### Consent Valid Upto

31/07/2020

#### Establishment Year

#### Date of last environment statement submitted

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

s Methyl Phenyl Glycine Methyl Ester

#### Consent Quantity

1080

#### Actual Quantity

274

#### UOM

MT/A

5 Methyl 5 Phenyl Imidazolidine 2,4 Dione 98+%

1140

288.616

MT/A

### By-product Information

#### By Product Name

Sodium Sulphate

#### Consent Quantity

1500

#### Actual Quantity

300.775

#### UOM

MT/A

Sodium Sulphate

1500

300.775

MT/A

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	119	20
Domestic	320	124.7
All others	50	5
Total	10	0
	499	149.7

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	159	8	CMD
Domestic Inffluent	47.5	5	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
s Methyl Phenyl Glycine Methyl Ester	8.32	8	Ton/Ton

### 3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Acetophenone	1.73	1.68	Ton/Ton
Ammonium Carbonate	2.10	2.14	Ton/Ton
Sodium Cyanide	0.69	0.72	Ton/Ton
Caustic Soda Flakes	0.72	0.86	Ton/Ton
Caustic Soda Lye	0.60	0.87	Ton/Ton
Methanol	5.22	5.70	Ton/Ton
Sulphuric Acid 98%	4.17	4.60	Ton/Ton
Mono Chloro Benzene	0.30	0.35	Ton/Ton
Sodium Hypo Chloride	0.12	0.118	Ton/Ton

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bio Mass	28000	11000	
Bio Coal	1500	1200	

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Suspended solids	0.52	26	76	100	NA

BOD	0.544	27.2	72.8	100	NA
Oil & Grease	Nil	Nil	100	10	NA
Cyanide	NA	BDL	100	0.2	NA
COD	1.6	80	170	250	NA

### **[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
TPM- Boiler stack	.596	84	44	150	NA
SO2- Boiler stack	1.622	228.5	NA	NA	NA
TPM- TFH stack	0.217	142.4	5	150	NA
SO2- TFH stack	0.362	237.6	NA	NA	NA
TPM- DG stack	0.02	41.8	72.13	150	NA
SO2- DG stack	0.067	138.9	NA	NA	NA

## **Part-D**

### **HAZARDOUS WASTES**

#### **1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used /spent oil	Nil	Nil	Ton/Y
33.3 Discarded containers / barrels / liner	0.334	0.497	Ton/Y

#### **2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
34.3 Chemical sludge from waste water treatment	0.622	0.32	Ton/Y

## **Part-E**

### **SOLID WASTES**

#### **1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	NA	NA	Ton/Y

#### **2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Sodium Sulphate	183.6	300.775	Ton/Y

#### **3) Quantity Recycled or Re-utilized within the unit**

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	NA	NA	Ton/Y

## **Part-F**

**Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.**

### 1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used /spent oil	NA	Ton/Y	NA
33.3 Discarded containers / barrels / liner	0.497	Ton/Y	NA

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Sodium Sulphate	300.775	Ton/Y	NA

## Part-G

### Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
sMPGM	0	0	0	0	0	0

## Part-H

### Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

#### [A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Up gradation of Sulphuric Acid Handling System	To Prevent Fugitive Emission	200000
ESE Lightning Protection System	To Prevent Lightning	200000

#### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Up gradation of DCS System	Efficient Management of Process	5000000

## Part-I

### Any other particulars for improving the quality of the environment.

#### Particulars

NA

#### Name & Designation

Shrinivas Holenavar, Works Manager

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000014254

#### Submitted On:

30-09-2018