



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2019

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000022422

### Submitted Date

18-10-2019

## PART A

### Company Information

#### Company Name

InventyS Research Company Pvt Ltd

#### Application UAN number

14513

#### Address

Inventys Research Company Pvt limited

#### Plot no

K-38, Five Star Industrial Area MIDC Butibori

#### Taluka

Hingana

#### Village

Kirmiti

#### Capital Investment (In lakhs)

10364

#### Scale

MSI

#### City

NAGPUR

#### Pincode

441122

#### Person Name

Shrikant Kanadey

#### Designation

Dy. Works Manager

#### Telephone Number

09619666336

#### Fax Number

9619666339

#### Email

skanadey@inventys.in

#### Region

SRO-Nagpur II

#### Industry Category

Red

#### Industry Type

R22 Organic Chemicals manufacturing

#### Last Environmental statement submitted online

yes

#### Consent Number

BO/CAC-CELL/UAN NO 14513/4TH  
CAC/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

211

#### UOM

MT/A

### By-product Information

#### By Product Name

Sodium Sulphate

#### Consent Quantity

1500

#### Actual Quantity

366.650

#### UOM

MT/A

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

### 1) Water Consumption in m3/day

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
	119	18
<b>Cooling</b>	320	104.58
<b>Domestic</b>	50	4.98
<b>All others</b>	10	0
<b>Total</b>	499	127.56

## **2) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade Effluent	159	7.2	CMD

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

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
s Methyl Phenyl Glycine Methyl Ester	8	8.5	Ton/Ton

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

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Acetophenone	1.68	1.66	Ton/Ton

## **4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Bio Mass	49320	8730	
Bio Coal	3000	838	

## **Part-C**

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

#### **[A] Water**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged (Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>				
Suspended solids	6.80	NA	NA	100	NA
BOD	3.40	NA	NA	100	NA
Oil & Grease	<0.2	NA	NA	10	NA
Cynide	<0.05	NA	NA	<0.2	NA
COD	117.8	NA	NA	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 %variation</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>				
TPM- Boiler stack	39.4	NA	NA	150	NA
SO2 Boiler Stack	18.96	NA	NA	NA	NA
TPM- TFH Stack	48.5	NA	NA	150	NA
SO2 TFH Stack	3.84	NA	NA	NA	NA

TPM DG Stack	64.4	NA	NA	150	NA
SO2 DG Stack	0.0005	NA	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>
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.497	0.512	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>
35.3 Chemical sludge from waste water treatment	0.32	6.406	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	300.775	366.650	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>
Other Hazardous Waste	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

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.512	Ton/Y	NA

#### 2) Solid Waste

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
Sodium Sulphate	366.650	Ton/Y	NA

## Part-G

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

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
sMPGM	2	2632	1054	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

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

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

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Refurbishment of Pipelines and Equipment	Efficient Process Management	5000000

## Part-I

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

#### Particulars

NA

#### Name & Designation

Shrikant Kanadey Dy. Works Manager

#### UAN No:

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#### Submitted On:

18-10-2019