



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000042022

### Submitted Date

21-05-2022

## PART A

### Company Information

#### Company Name

NIRA BHIMA SSK LTD

#### Application UAN number

0000032896 (FY 2020-21 ESR)

#### Address

At.: Shahajinagar, PO: Redni, Tal.: Indapur,  
Dist.: Pune

#### Plot no

340,341,344,345,346,347,348

#### Taluka

Indapur

#### Village

At.: Shahajinagar, PO: Redni

#### Capital Investment (In lakhs)

3484.18

#### Scale

L.S.I.

#### City

Indapur

#### Pincode

413114

#### Person Name

S. G. Genge Patil

#### Designation

Managing Director I/C

#### Telephone Number

9960165577

#### Fax Number

02111270555

#### Email

nirabhima@gmail.com

#### Region

SRO-Pune I

#### Industry Category

Red

#### Industry Type

R60 Distillery ( molasses / grain  
/yeast based)

#### Last Environmental statement submitted online

yes

#### Consent Number

No:-Format 1.0/CAC/UAN No. MPCB-  
CONSENT-0000115741/CR-2110000547

#### Consent Issue Date

2021-10-11

#### Consent Valid Upto

2022-08-31

#### Establishment Year

2009

#### Date of last environment statement submitted

Jun 28 2021 12:00:00:000AM

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

### Product Information

#### Product Name

Rectified spirit (RS)

#### Consent Quantity

8100

#### Actual Quantity

13243

#### UOM

KL/A

Extra neutral alcohol (ENA)

7614

0.0

KL/A

Ethanol

7290

14125

KL/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

CMD

## 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	294.00	290.00
Domestic	280.00	230.00
All others	6.00	6.50
Total	0.00	0.00
	580.00	526.50

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	294	276	CMD
Domestic effluent	6	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
Rectified spirit (RS)	7.0	6.8	Ltr/A
Extra neutral alcohol (ENA)	7.5	0	Ltr/A
Ethanol	0.1	0.1	Ltr/A

### 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
Molasses	26544.520	47388	MT/A

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	12960	37148	MT/A
Biogas	360000	402154	

## 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
NA	0	0	NA	NA	NA

#### [B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
SPM	157.89	85	-43.34	150	Within standard norms

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

#### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

## Part-E

### SOLID WASTES

#### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Yeast sludge	0.220	0.300	MT/A

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

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

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

## 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
0	0	CMD	NA

#### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Yeast sludge	0.300	MT/A	as Non HW used for composting

## 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)
NA	0	0	0	0	0	0

## Part-H

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

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

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
NA	NA	0

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

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
NA	NA	15

**Part-I**

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

**Particulars**

(1) Installed online monitoring system. (2) Developed Green belt. (3) Achieved ZLD (4) Adopted 3-R Principle. (5) Submitted all document to MPCB & CPCB time to time. (6) No any Legal case

**Name & Designation**

S. G. Genge Patil (Managing Director I/C)

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000042022

**Submitted On:**

21-05-2022