



# 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-0000042104

### Submitted Date

26-05-2022

## PART A

### Company Information

#### Company Name

NIRA BHIMA SSK LTD

#### Application UAN number

000032872 (FY 2020-21 ESR UAN)

#### 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)

23266.44

#### 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

R12 Sugar ( excluding  
Khandsari)

#### Last Environmental statement submitted online

yes

#### Consent Number

No:-Format 1.0/CAC/UAN No. MPCB-  
CONSENT-0000115543/CR-2112001342

#### Consent Issue Date

2021-12-24

#### Consent Valid Upto

2022-07-31

#### Establishment Year

2001

#### Date of last environment statement submitted

Jun 27 2021 12:00:00:000AM

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

### Product Information

#### Product Name

Sugar

#### Consent Quantity

75600

#### Actual Quantity

62646

#### UOM

MT/A

Electric power

77760000

58033980

Nos./Y

### By-product Information

#### By Product Name

Molasses

#### Consent Quantity

26400

#### Actual Quantity

37648

#### UOM

MT/A

Pressmud

25800

21198

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>
	312.00	312.00
<b>Cooling</b>	391.00	498.00
<b>Domestic</b>	40.00	40.00
<b>All others</b>	0.00	0.00
<b>Total</b>	743.00	850.00

### 2) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade effluent	375	490	CMD
Domestic effluent	8	8	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>
Sugar (White crystal)	0.349	0.170	MT/A
Molasses	10.22	8.20	MT/A
Bagasse	1.206	0.928	MT/A
Pressmud	1.032	0.720	MT/A

### 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>
Sugarcane	10.27	10.60	Ton/Ton

### 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Bagasse	179640	190570	MT/A

## 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</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>		
COD	36.06	73.6	-70.56	250	Within standard norms
BOD	15.43	31.5	-68.50	100	Within standard norms
TDS	251.02	512.3	-75.60	2100	Within standard norms

TSS	21.51	43.9	-56.10	100	Within standard norms
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**[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>		
SPM for 40 TPH boiler	138.76	74.7	-50.20	150	Within standard norms
SPM for 66 TPH boiler	212.95	87.5	-41.67	150	Within standard norms

**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 or spent oil	0.025	0.09	KL/A

**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>
0	0	0	CMD

**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	0	0	MT/A

**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>
Fly/Boiler ash	2290	2305	MT/A

**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	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**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used or spent oil	0.09	MT/A	Oily waste

**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>
NA	0	MT/A	-

## 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

### 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**

NA

##### **Environmental Protection Measures**

NA

##### **Capital Investment (Lacks)**

0

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

##### **Detail of measures for Environmental Protection**

NA

##### **Environmental Protection Measures**

NA

##### **Capital Investment (Lacks)**

25

## Part-I

### 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-0000042104

#### Submitted On:

26-05-2022