



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

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	312.00	312.00
Domestic	391.00	498.00
All others	40.00	40.00
Total	0.00	0.00
	743.00	850.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
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)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
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)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Sugarcane	10.27	10.60	Ton/Ton

4) Fuel Consumption

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

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)	Concentration of Pollutants discharged (Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
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)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
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

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0.025	0.09	KL/A

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
NA	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Fly/Boiler ash	2290	2305	MT/A

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
5.1 Used or spent oil	0.09	MT/A	Oily waste

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
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