Reg. No. 08/14570/1993 dt. 26-7-1993

Jamkhandi Sugars Ltd.,
ಜಮಖಂಡಿ ಶುಗರ್ಸ್ ನಿ. ಜಮಖಂಡಿ.
GSTIN No : 29AAACJ8575C1ZD

CUG No. 7022022148 / 149
Tele Fax : 08353 - 254160.
CIN No. U85110KA1993PLC014570

JSL/Mfg/Env- Audit-Distillery/2020-21/ 996 **Date: 11.06.2020**

To,

The member Secretary
Karnataka state pollution control Board
#48 Parisar Bhavan 4th and 5th Floor,
Church Street
Bangalore-560001

Submitted through: Environmental Officer, Regional Office, KSPCB, Bagalkot.

Subject: - submission of Environment Statement For the financial year 2019-20-Reg.

R/sir,

With reference to above cited subject, we are enclosing herewith the Environment Statement for financial year 2019-20 for our "M/s Jamkhandi Sugars ltd"Distillery Division located at Hirepadasalgi village, Nagnur Post-587301, Jamkhandi Taluk, Bagalkot District, Karnataka. Kindly acknowledge the receipt, So that we can upload the same in our company website.

Thanking You,

Yours Faithfully,
For Jamkhandi Sugars Limited

V.Sivaprakasam
Managing Director

Encl: Two copies of Environmental Statement.

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR 2019-2020

Submitted By

M/s. Jamkhandi Sugars Ltd., Distillery Division

Post: Hirepadasalgi, Nagnur, Tal: Jamkhandi
Dist: Bagalkot – 587301

JAMKHANDI SUGARS LTD. JAMKHANDI DIST. BAGALKOT

ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING 31 ST MARCH 2020

PART- A

i.	Name and address of the owner/ occupier of the industry	**V.Sivaprakasam.** **Managing Director** **M/s Jamkhandi Sugars Ltd.Distillery Division** **Post: Hirepadasalgi, Nagnur,** **Tal: Jamkhandi** **Dist: Bagalkot – 587301**
Operation or Process		
ii.	Industry category Primary-(STC Code) Secondary- (STC Code)	**Primary-(SIC CODE)-2000** **Secondary-(SIC CODE)-2061** **Category : Red , Size: Large**
iii.	Production Category-Units	**60 KLPD Total spirit**
iv.	Year of establishment	**December-2017**
V	Date of Last Environmental statement submitted	**29.07.2019**
VI	No. of Employees	**64**

PART-B

Water and Raw Material Consumption

Water Consumption in m^3/d

Water Consumption	2018-19	2019-20
Process	790	650
Cooling (including washing and boiler feed)	29	30
Domestic	04	04

I PRODUCTS

Name of the Products	Process water consumption per unit of Product Output	
	During the current financial year 2018-19	During the current financial year 2019-20
Rectified Spirit	2.02	2.01

ii. Raw Material Consumption

Raw Materials	Product	Consumption of raw material per unit of output	
		During the current financial year 2018-19	During the current financial year 2019-20
Molasses	Rectified Spirit	2487	2487
Yeast usedKg		In house culture	7807
Urea		---	---
DAP		----	----
Antifoam		----	---
Bleaching power		----	---
Steam/Lts		4.389	4.849
Power (KWH/KL)		357	477
	By –Product	Liters/KL of Spirit Produced	
	Fusel oil	---	NIL

Product	Total quantity produced in KL 2018-19	Total quantity produced19-**20 Liters**
Rectified Spirit	1684834	**5107561**
Extra Neutral Alcohol	5417684	**7252736**
Impure Alcohol	685627	**638853**
Ethanol	2529547	**12767**
Total Production	10317692	**13011917**
Extra Neutral Alcohol from RS	817704	354456
Impure Alcohol from RS	61413	28504
Ethanol from RS/IS	1174453	676634
Fusel Oil	NIL	NIL

PART-C

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

Pollutants	Quantity KL/Day	Concentration	Concentration Discharged (Mass/Day)	Percentage of variation prescribed standards with reasons
Waste Water	480	---	NA	Spent wash generated after Multiple effect Evaporation is utilized in incineration Boiler
AIR –Stack -1		Copy Enclosed		

PART-D

HAZARDOUS WASTE

(As specified under the Hazardous Waste (Management and Handling Rules, 1989))

Hazardous Waste	Total Quantity (T/annum)	
	During the Current Financial Year 2018-19	During the Current Financial Year 2019-20
e) From Process	NIL	NIL
f) From Pollution Control facilities		

PART-E

SOLID WASTE

SR.NO	Solid waste	Total Quantity MT	
		During the Current Financial Year 2018-2019	During the Current Financial Year 2019-2020
1	From Process(by products) a) Yeast Sludge MT	1200	1509
II	From Pollution Control facility a) Ash MT	1285	2420
III	c) Quantity recycled or reutilized within the unit	Ash sold to brick manufactures	Ash sold to brick manufactures.

PART-F

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

Hazardous waste: Not Applicable.

PART G

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

A. Impact of pollution abatement on conservation

A. 480 KL/Day spent wash is concentrated two stage evaporation is utilized in the incineration boiler.

JAMKHANDI SUGARS LTD. JAMKHANDI DT. BAGALKOT

PART-H

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

Industry has commissioned the Incineration boiler of 22 TPH for utilization of spent wash after multiple effect evaporation in incineration boiler as fuel. Bag filter is installed for emission control for the suspended particulate matter through flue gas.

The company has already adopted various quality systems and improved manufacturing discipline. This has resulted in material conservation and waste reduction this year.

The industry has reduced its fuel consumption this year considerably compared to previous year. The indirect benefits are lesser emission of pollutants, maintenance of ambient air quality and energy conservation.

PART-I

Any other particulars in respect of environmental protection and abatement of pollution.

Condensate Polishing Unit (RO process) is provided for the treatment of process condensate from MEE and spent less. The RO out let is utilized for cooling tower make up water.
This year additional tree plantation of 800 trees was carried out for the minimization of fugitative emissions.

Date: - 11.06.2020

Place: - Hirepadasalgi

JAMKHANDI SUGARS LTD. JAMKHANDI DT. BAGALKOT

ForJamkhandi Sugars Ltd

V.Sivaprakasam.

Managing Director