Regal-Pass



Ref: H/DISTILLERY/2023-24/17/1

16th September, 2024

To,

The Member Secretary,
U.P. Pollution Control Board,
Building. No. TC-12V Vibhuti Khand, Gomti Nagar,
Lucknow – 226010,

Sub.: Submission of Environment Statement Report for the FY 2023-24 of M/s DCM Shriram Ltd, Distillery Unit, Vill.- Hariawan-241405, Tehsil & District:- Hardoi, Uttar Pradesh.

Sir,

The Environmental statement Report for the FY 2023-24 in Form-V as prescribed by the Board of M/s DCM Shriram Ltd, Distillery Unit, Vill.- Hariawan-241405, Tehsil & District:- Hardoi, Uttar Pradesh is attached herewith for the kind perusal please.

Hope the same is in order.

Unit assures the Board for the commitment of the statutory compliances at all times.

Thanking You.
Yours Sincerely,
DCM Shriram Ltd - Distillery Unit, Hariawan.

\CD~ (A

(Authorized Signatory)

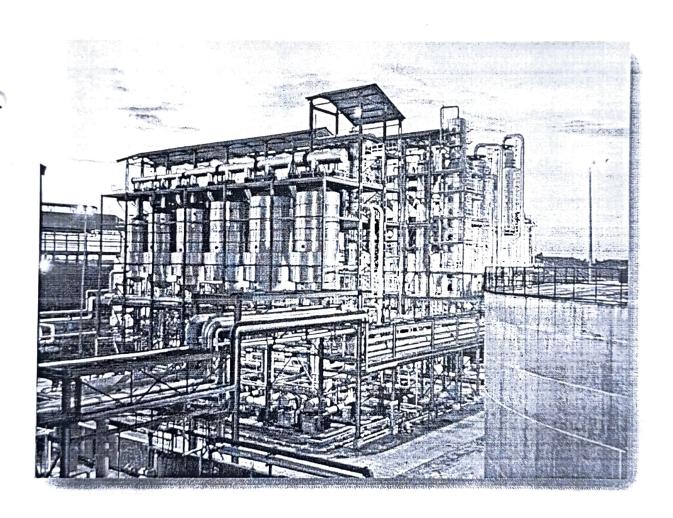
Encl.: as above

CC: The Regional Officer, U.P. Pollution Control Board, Unnao- 209801, (U.P).



ENVIRONMENT STATEMENT REPORT

For the period from (1st April 2023 – 31st March 2024)



M/s DCM SHRIRAM LTD.- Distillery Unit

Vill. & Post. – Hariawan, Hariawan-241405, Dist. – Hardoi, (U.P.).

FORM V (See Rule 14)

Environmental Statement for the financial year ending on 31st March on or before 30th of September every year.

PART - A

1	Name and address of the owner/ occupier of the industry operation or process.	Mr. K.K. Sharma Whole Time Director-EHS DCM Shriram Ltd, Distillery Unit, Hariawan- 241405 Dist:- Hardoi, (U.P).
2	Industry category Primary-(STC Code) Secondary-(STC Code).	Primary (Distillery)
3	Production capacity	E.N.A/R.S.A/A.A/I.A (Molasses Based) :- 200 KLD Power Co-generation:- 06 MW
4	Year of establishment	2017
5	Date of the last environmental statement submitted.	Submitted vide letter no: Ref- H/DISTILLERY/2022-23/247 on dated 19.09.2023.

PART -B

WATER AND RAW MATERIAL CONSUMPTION

1.	Water consumption m3/ d		
	Process	200 m3/d approx.	
	Cooling	760 m3/d approx.	
	Domestic	12 m3/d approx.	

Name of products	Process water consumption per unit of product output	
	During the previous financial year (2022-23)	During the current financial year (2023-24)
E.N.A/R.S.A/A.A/I.A (Molasses Based) (KL)	1.21	1.03

2	Raw material consumption			
	Name of raw Name of products materials	Consumption of raw material per unit of product output		
			During the previous financial year (2022-23)	During the current financial year (2023-24)
	Molasses (MT)	E.N.A/R.S.A/A.A/I.A (KL)	3.40 MT/KL	3.54 MT/KL

PART -C

Pollution discharged to Environment

(Parameter as specified in the consent issued)

Pollution	Quantity of pollutants Discharged (mass/day)	Concentration of pollutants in discharges (mass/ volume)	prescribed standards with reasons
(a) Water	Distillery Unit is completely "ZERO LIQUID DISCHARGE" Unit		
(b) Air*			
P.M	110 Kg/day	42.56 mg/Nm3	15.0 % below the permissible limit

The above value is as per analysis for stack emission monitoring done by the external agency i.e.
 M/s Ecomen Mining Pvt Ld, Lucknow, authorized by UPPCB & MoEF&CC.

PART -D

HAZARDOUS WASTES

(As specified in the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016)

Hazardous Wastes	Total Quantity		
	During the previous	During the current	
	financial year (2022-23)	financial year (2023-24)	
(a) From process			
Empty barrels /containers of	Nil	527	
hazardous chemicals (Nos)			
Contaminated Cotton rags (Kg)	Counted in Sugar	Counted in Sugar	
	Environment Statement	Environment Statement	
	Report	Report	
Ion exchange resin (Kg)	Nil	Nil	
(b) From pollution control facilities.			
Waste oil & Grease (Kg)	Nil	Nil	
Chemical sludge from Waste water	Nil	Nil	
Treatment (Kg)			

(a) Oil Soaked Cotton waste had been disposed off to TSDF authorized by SPCB/ burnt in Captive boilers along with bagasse. Empty barrels /containers of hazardous chemicals send back to suppliers as on generation basis.

(b) Oil recovered from Oil & Grease reused back safely as lubricating oil in maintenance work.

<u>PART – E</u> SOLID WASTE

Waste	Total Quantity		
	During the previous financial year (2022-23)	During the current financial year (2023-24)	
(a) From process			
Concentrated Slop (KL)	96344	92885	
(b) From Pollution Control Facility		,	
Boiler Ash (MT)	18515	18206	
© (1) Quantity recycled or re-utilised			
Concentrated Slop	All	All	
(2) Disposed			
Boiler Ash	All	All	

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.

Solid waste shown under Part —E mainly comprises of Ash from Boilers and Concentrated Slop From MEE. Boiler Ash had been completely utilized as a raw material in Potash recovery unit i.e M/s DCM Shriram Bioenchem Ltd in adjacent premises. Concentrated slop utilized as fuel in incineration Slop Fired Boiler for Captive Power plant for power generation.

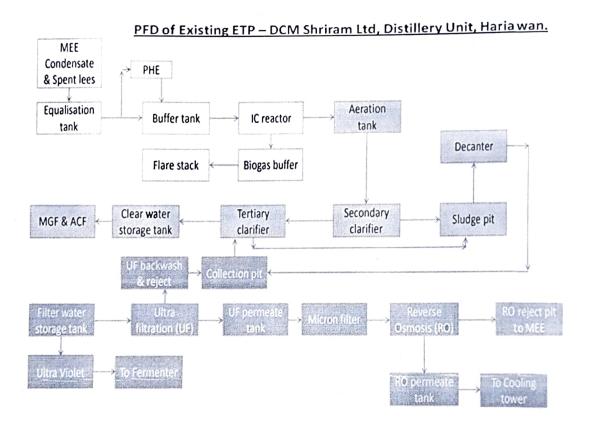
PART -G

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

- 1. Distillery Unit continuously focus on the vision for a safe and Pollution Environment in the surroundings. ESP have already been installed at process and material transfer locations to control the fugitive emissions and well in operation with due Diligence. Regular water sprinkling system in practice continuously to control the emissions during Vehlcular movement. An effluent generated from the manufacturing process is being treated in state-of-art Condensing Polishing Unit "CPU" having adequate treatment capacity of 2131 KLD approx.
 - The treated water being completely reused/recycled back into process as Distillery Unit is completely "Zero Liquid Discharge Unit".
 - Solid waste generated from Pollution Control Facility being disposed in an Environmentally Sound Manner.
- 2. Unit had established Cleaner technologies in its production process. The concentrated slop generated from the MEE being utilized as a fuel in Incineration Slop Fired Boiler thus saving natural resources.

3. Unit had also installed 01 No. of Boiler of capacity of 60 TPH (for power generation) equipped with Air Pollution Control Device i.e. an ESP to arrest the un-burnt particles prior to final discharge of flue gas into the atmosphere along with stack of adequate height of 84 Mtrs. for proper dispersion of flue gas.

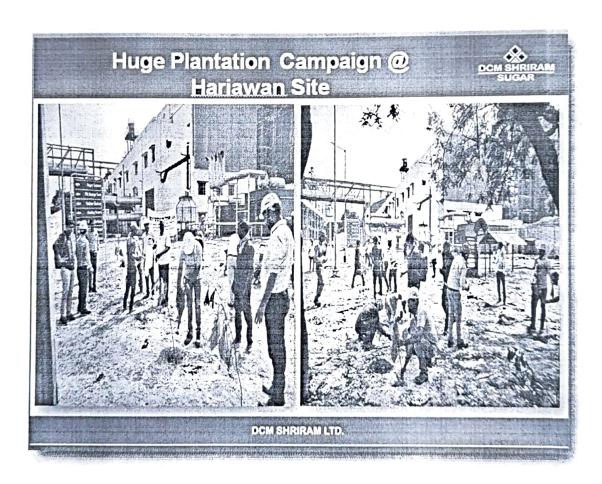
The monitoring parameters are well within the prescribed limits by the Board.

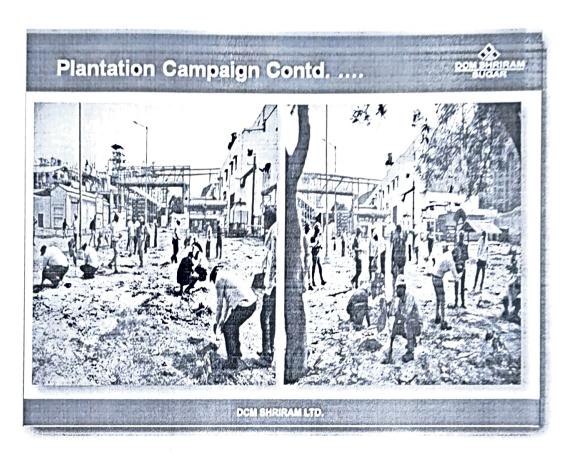


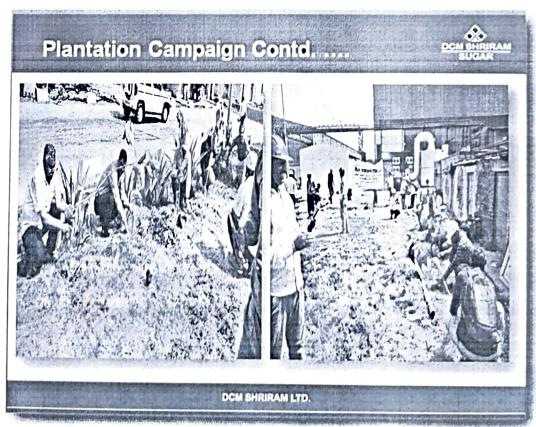
PART -H

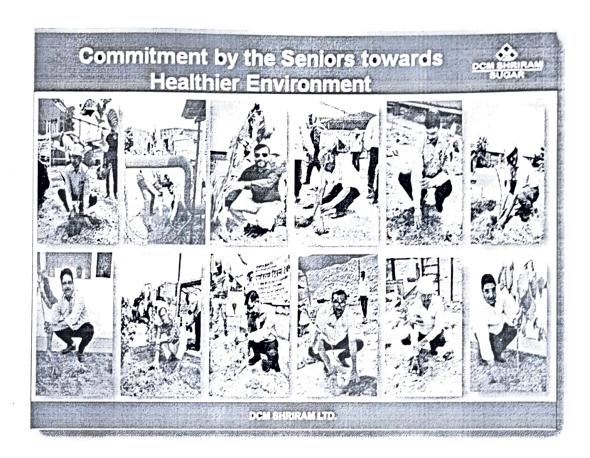
Additional measures/ investment proposal for environmental protection abatement of pollution, prevention of pollution.

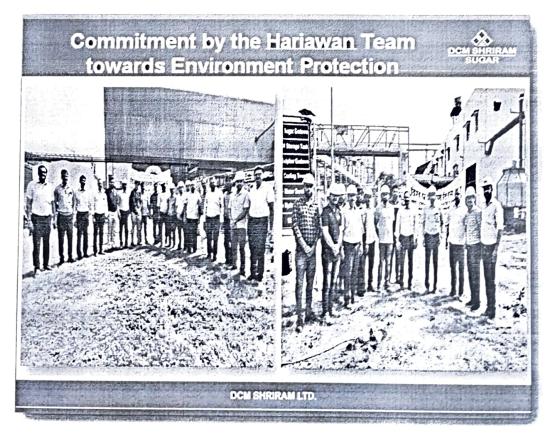
1. Green Belt Development / Plantation: As an On-Going Activity it had been continuously carried out under the supervision of Senior Executive of the company with the active participation of the employees as well. Suitable species of the different are selected for setting up of Green Belt for Biodiversity Conservation, Flower producing & Broad canopy tree. In continuation of Plantation as an on-going activity during the celebration of World Environment Day an approx 150 saplings have been planted this year.

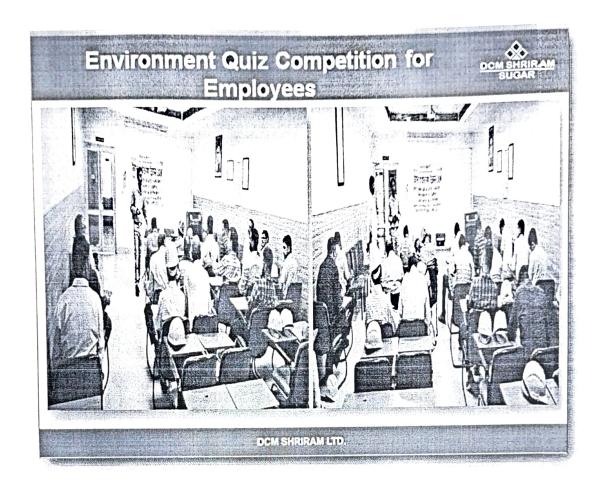




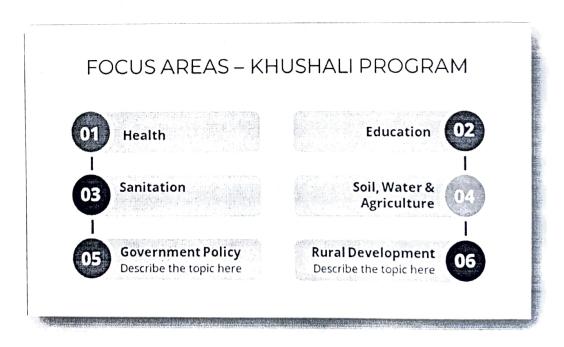








2. **Community Development:-** Unit committed for the Community Development in the following way through CSR activities as follows:-



Health - Khushali Sehat

Focus: To Improve IMR & MMR Data



Village Intervention 12762 Beneficiaries through the village level intervention



Mobile Medical Unit 3684 Beneficiaries reached. High Risk Pregnancy Data of Block Improved

Implementation Partner: MAMTA HIMC

Health - Khushali Sehat

Focus: To Improve IMR & MMR Data



Village Intervention 12762 Beneficiaries through the village level intervention



Mobile Medical Unit 3684 Beneficiaries reached. High Risk Pregnancy Data of Block Improved

Implementation Partner: MAMTA HIMC

KHUSHALI SHIKSHA



Aaganwadi

Adopted 3 Aaganwadis - Improved Retention of 75 students

Schools
Engaged with 14 government schools to improve foundational literacy and numeracy of 1462 students

Implementation Partner: Pratham Education

SOIL, WATER, PLANTATION & AGRICULTURE

UPJAU MAATI PARIYOJNA

1800 MT Organic Compost prepared by 1000 farmers of 40 Villages

PLANTATION 13600 plantations done in 5 different sites



KRISHI UDYAMI PARIYOJNA

64 Agri Entrepreneurs given 15 days residential training. 8500 farmers baseline done

Water

RACTO

SAI <u>Bachao</u> Abhiyaan been run in collaboration with PANI. Ponds rejuvenation and Hydrological survey in progress.

FY 23: Haqdarshak **Project Overview**

Hagdarshak Empowerment Solutions Private Limited (HESPL) has partiered with DCM Shriram Foundation, with an aim to support CSC and create a codic of Hagdarshak (HDs) on HESPL technology platform to disseminate government scheme information, help community in scheme linkage and contribute in overall village development.

- HQ to train 10 Hagdarshak agent and cap Time HQ agents to be linked with one Cur the revenue of each CSCs

01 July 2023 to 31st January 2024

- No of ordicens briefly with government schemes.
 HitDi Increase uptake and knowledge should schemes and everage income earnings of Re 5000 per month.
 CSC increase in Income expected by Rs 5000 with the support of applications bringing in by HDs introduced to the scheme expect and case studies.
 Unlock value 4CC

FY 23: Haqdarshak **Project Achievement**



Rs 110,070,842 ems - RS 310,174

Total RS 110,381,016

CSC Mapped

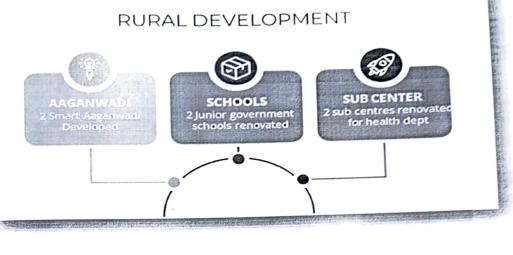
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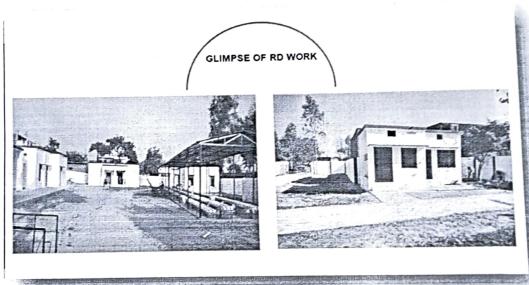
888

HDs Statut

8

12





3. Control of Fugitive emissions:-

- a. Conveyor belt almost covered through the length utilized for the transportation of raw material from the storage to the end use.
- b. Regular water sprinkling system had been carried out within the plant premises to eliminate/minimize the fugitive emissions during the vehicle movement.
- c. All Pollution Control Facilities are well maintained in operation with the due diligence and the monitoring parameters are well within the prescribed limits by the Board.

PART - I

Any other particulars for improving the quality of the environment.

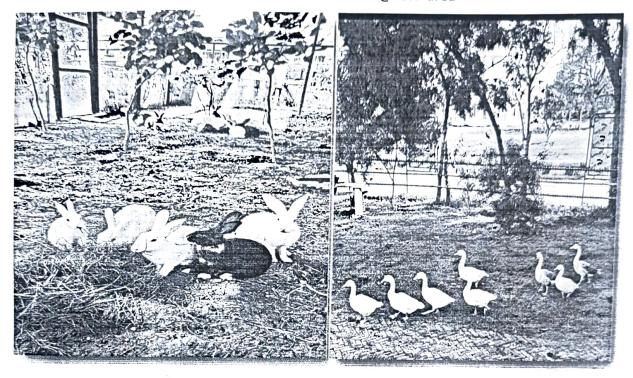
Unit had already established in house Environment Lab. well equipped with monitoring facility and dedicated qualified and experienced staff in order to have close supervision round the clock to meet the Statutory Compliances at all the times.

1. Various activities had been conducted on regular basis to further Enhance & Strengthen the overall quality of the Environment within and around the plan premises to facilitates the Sustainable development and growth of flora & fauna . Some glimpses of the same are as follows:

Plantation Campaign on World Environment Day 2024



Sustainable & Natural Habitat @ ETP area



2. A fully automatic food waste composting machine had been installed in the residential township , food waste is completely consumed and finally manure is produced , same is being utilized in nearby Green Belt Development within the plant & residential township areas.

