ENVIRONMENTAL STATEMENT FORM - V

(See Rule 14)

Environmental statement for the financial year ending with 31st March 2026

PART - A

a)	Name and address of the owner/Occupier of the industry Operation or process	:	Pushpinder Singh Mamik H.No. 5572, Sector - 38 West Cahndigarh Pin - 160036
b)	Industry category Primary- (STC Coode) Secondary - (SIC	:	Primary
c)	Production category - Units	:	Grain Based Ethanol Unit
d)	Year of establishment	:	2024
e)	Date of the last Environmental Statement submitted	:	8th May, 2025

PART - B

a)	Water and Raw Material Consumption	:	Water (500KL/Day) - Grain (Rice-270MT, Maize - 330MT)
b)	Water consumtion in m3/day		
	Process	:	480
	Cooling Tower	:	465
	Domestic	:	5
		:	10

Name of Products	Process water Consumption per unit of products	
	During the Previous financial Year	During the Current Financial year
Ethanol	4.30 KL water for 1KL Ethanol Production. Water consumption high due to Civil construction work going on during the financial year	3.84 KL water for 1KL Ethanol production

c) Raw Material Consumption

Name of Raw Materials	Name of Products	Consumption of Raw Material per unit of output	
		During the previous Finacial year	During the current financial year
Grain	Ethanol	437.27 LTR Ethanol/MT DFG	445.18 LTR Ethanol/MT DFG
		NA	450 LTR Ethanol /MT FCI
		375.05 LTR Ethanol /MT Maize	368.15 LTR Ethanol /MT Maize

PART - C

a) Pollution discharged to environment/ Unit of output : No pollution is Discharged to environment

Pollutants	Quantity of Pollutants discharged(Mass/Day)	Concentration of Pollutants discharged (Mass/Day)	Percentage of variation from prescribed standard with reasons
a) Water	450M3/ day to CPU for treatment	No discharge, treated water utilized in Cooling tower	NA
b) Air	Fly Ash 65MT/ Day	The Fly Ash Given to Farmers for its utilization in the field for increase the soil fertility	NA

PART - D

a) Hazardous Wastes :

As Specified under Hazardous waste (Management & Handling Rules, 1989

Hazardous Waste		Total Quantity (KL)	
		During the Previous Financial Year	During the Current Financial year
1	From Process	NA	325 LTR
2	From Pollution Control Facility	NA	NA

Hazardous Waste Generated as above is disposed to TSDF Facility authorized by State Pollution Control Board.

PART - E

a) Solid Waste : DDGS is Solid Waste

Solid Waste		Total Quantity (MT)	
		During the Previous Financial Year	During the Current Financial year
1	From Process (DDGS)	17264.29	20923.5
2	From Pollution Control Facility	NA	NA
3	Quantity recycled or reutilized within the unit	NA	NA

DDGS Sale to Cattle feed companies to avoid spent wash release in environment

PART - F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid waste and indicate disposal practice adopted for both these categories of waste.

		Quantity Disposed	Units	Disposal Practice
1	Hazardous Waste - Used Spent oil / Grease	0	LTR	Hazardous Waste Generated as above is dispossed to TSDF Facility authorized by State Pollution Control Board.
2	DDGS	20923.5	MT	DDGS Sale as cattle feed to various companies
3	Fly Ash	21250	MT	The Fly Ash Given to Farmers for its utilization in the field for increase the soil fertility

PART - G

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

1 Industry has put up biomass based boiler and using paddy straw bales as fuel which has resulted in lesser burning of paddy straw by nearby farmers and hence air quality index of surrounding areas has improved.
2 Multi effect evaporator has been installed to reduce the impact of effluent to atmosphere.
3 Recyling of various process streams such as plant lees and treated water in cooling tower has resulted in saving water consumption.
4 Usage of Biomass based fly ash by near by farmers in agriculture land filling has imporoved pouricity of the Farmland. Farm Land.
5 Rainwater pond has been constructed to collect all rain water and use it after treatment thus saving precious water.

PART - H

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

1 We are motivating the near by farming community to switch over to maize cultivation from paddy cultivation and supply the same to us on MSP rates. Maize supply form near by area has increased resulting in shifting of crop pattern which would ultimately have huge water saving impact in long run.

PART - I

Any other particulars for improving the quality of environment.

1 Regular training is being imparted to staff as well as key managers to create awarness for improvement of Environment
2 Green parks are being developed in various pockets of industry to improve environment.
3 Orgainising sessions in nearby school to educate school children to save trees and not to use plastic bags.

Authorized Signatory

M/s. [illegible] Pvt. Ltd.
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