

BUTTAR BIOFUELS PRIVATE LIMITED

REGD. OFFICE: SCO 51-52, FIRST FLOOR, SECTOR 8-C, CHANDIGARH, INDIA-160009

TEL: 0172-2541505, 2540007,2549217, FAX:2546809

CIN: U24119CH2020PTC043318

Date: 17.07.2021

To

The Director (Industry - II) - IA Division

Ministry of Environment, Forest and Climate Change

Indira Paryavaran Bhawan

Jor Bagh Road, New Delhi - 110003

Subject: Regarding submission of application for grant of EC under "B2" Category for Proposed 300 KLPD Grain Based Ethanol Plant at Village Buttar Seviyan, Tehsil Baba Bakala, District Amritsar, Punjab by **Buttar Biofuels Private Limited**

Ref: MoEFCC, New Delhi vide Notification number S.O. 2339(E) dated 16th June, 2021

Respected Sir

With reference to the above-mentioned subject and above cited reference matter, this is to apprise that Buttar Biofuels Private Limited is proposing 300 KLPD Grain Based Ethanol Plant at Village Buttar Seviyan, Tehsil Baba Bakala, District Amritsar, Punjab. The company is a sister concern of Rana Sugars Limited. Rana Sugars Limited has an existing sugar mill having 5000 TCD capacity along with 44.2 MW Co-Generation Power Plant at Village Buttar Seviyan, Tehsil Baba Bakala, District Amritsar, Punjab. For proposed installation of 300 KLPD Grain based Ethanol Plant, Rana Sugars Limited has leased 8.70 acres land to Buttar Biofuels Private Limited. In addition to above, Buttar Biofuels Private Limited will source power and steam from the sugar mill for the operations of proposed unit.

Government of India has notified the National Policy on Biofuels, 2018 in order to increase ethanol production in the country. This policy has laid out indicative targets of achieving 20% blending of ethanol in petrol in the whole country by 2030. However, the government of India has advanced the target for 20% ethanol blending in petrol (also called E20) from 2030 to 2025. MoEFCC, New Delhi vide its recent notification of S.O. 2339(E) dated 16th June, 2021 stated that, *"Grain based distilleries with Zero Liquid Discharge producing ethanol; solely to be used for Ethanol Blended Petrol Programme of the Government of India shall be considered under B2 Category"* with condition that the project proponent shall file a notarized affidavit that ethanol produced from proposed project shall be used completely for EBP Programme.

Contd/...

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Thus, the company is proposing a 300 KLPD Grain Based Ethanol Plant with Zero Liquid Discharge so as to participate in the visionary Ethanol Blending Programme (EBP) intended for production of Ethanol vide the same notification.

The company is also submitting the notarized affidavit (self-declaration as mentioned in the Notification dated 16th June, 2021) stating that the new 300 KLPD Grain Based Ethanol Plant will be completely utilized for production of ethanol only so as to participate in Ethanol Blending Program (EBP) of Government of India (GoI).

In view of the above submissions, we humbly request you to kindly consider our proposal for grant of Environment Clearance under "B2" Category.

Thanking you and with Regards,

Yours faithfully

For Buttar Biofuels Private Limited
For Buttar Biofuels Private Limited

Ajayinder Majitha 
Authorised Signatory

Vice President

Encl: As above

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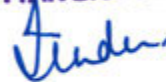
COPY OF THE RESOLUTION PASSED BY THE BOARD OF DIRECTORS OF M/S. BUTTAR BIOFUELS PRIVATE LIMITED IN ITS MEETING HELD ON THURSDAY, THE 24TH DECEMBER, 2020 AT 11.30 A.M. AT THE REGISTERED OFFICE OF THE COMPANY, SCO 51-52, FIRST FLOOR, SECTOR 8-C, MADHYA MARG, CHANDIGARH.

“RESOLVED that Shri Ajayinder Majithia, Vice President of the Company be and is hereby authorized to deal with Ministry of Environment, Forest & Climate Change, New Delhi for obtaining Environmental Clearance for setting up a 300 KLPD Grain based Ethanol Plant at Village Buttar Seviyan, Tehsil Baba Bakala, District Amritsar, Punjab and to sign, execute and file documents, forms, undertakings, affidavits, applications and all other related/ required papers with the aforesaid Departments on behalf of the Company.”

CERTIFIED TRUE COPY

For BUTTAR BIOFUELS PVT. LTD.

For BUTTAR BIOFUELS PVT. LTD.



DIRECTOR

(RANA INDER PRATAP SINGH)

DIRECTOR

DIN: 00075107

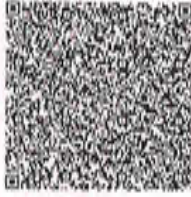


सत्यमेव जयते

INDIA NON JUDICIAL Chandigarh Administration

e-Stamp

Certificate No.	: IN-CH29263594766376T
Certificate Issued Date	: 09-Jul-2021 02:09 PM
Certificate Issued By	: chkomsini
Account Reference	: IMPACC (GV)/ chimp07/ E-SAMPARK SEC-18/ CH-CH
Unique Doc. Reference	: SUBIN-CHCHIMPSP0758392655744120T
Purchased by	: RAMESH KALIA
Description of Document	: Article 4 Affidavit
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: BUTTAR BIOFUELS PVT LTD
Second Party	: Not Applicable
Stamp Duty Paid By	: BUTTAR BIOFUELS PVT LTD
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



-----Please write or type below this line-----

SELF CERTIFICATE

I Rana Inder Pratap Singh S/o Sh. Rana Gurjeet Singh, Director of M/s Buttar Biofuels Private Limited hereby self-certify that: -

1. The company has proposed 300 KLPD grain based Distillery unit and hereby certifies that manufactured quantity will be completely utilized for production of ethanol only so as to participate in Ethanol Blending Program (EBP) of Government of India (GoI).

For BUTTAR BIOFUELS PVT. LTD.

Rana Inder

DIRECTOR

KC 0005277009 Contd./

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.




2. In accordance to MoEFCC, New Delhi's notification vide number S.O. 2339(E), dated 16th June, 2021, it is further self-certified that if it is found that the ethanol produced based on this EC granted as per the dispensation is not being used completely for EBP or if ethanol is not being produced, or if the distillery is not fulfilling the requirements based on which the project has been appraised as Category B2 project, the EC shall stand cancelled.

The above is true, correct and to the best of our knowledge and we take the full responsibility of its compliance.

Date: - 17.07.2021.

Place: Chandigarh

For Buttar Biofuels Private Limited
For BUTTAR BIOFUELS PVT LTD.



(Seal & Sign) **DIRECTOR**

Rana Inder Pratap Singh
Director

Certified that the Affidavit SPA, SPA
this document has been read over &
Explained to the signatory/affidavit
who seemed to understand the contents
the same at the time of making &
signing the documents



17 9 JUL 2021



FORM-1/ (APPENDIX - I)

FOR

**Proposed 300 KLPD
Grain Based Ethanol Plant**

At

**Village Butter Seviyan, Tehsil Baba Bakala,
District Amritsar, Punjab**

APPLICANT

Buttar Biofuels Private Limited

**Regd. Address S.C.O. 51-52, First Floor,
Sector 8-C, Chandigarh – 160 009**

Email: vpbbpl@gmail.com;

Phone No. : 0172-2541505, 2540007

APPENDIX – I
(See paragraph – 6)

FORM 1

(I) Basic Information

1.	Name of the Project	:	Proposed 300 KLPD Grain Based Ethanol Plant at Village Butter Seviyan, Tehsil Baba Bakala, District Amritsar, Punjab by Buttar Biofuels Private Limited
2.	S. No. in the schedule	:	The proposed activity is covered under MoEFCC Notification S.O. 2339(E) dated 16th June, 2021 a special provision in the EIA Notification, 2006- (Schedule 5 (ga), Category B2). As per the notification, Grain based distilleries with Zero Liquid Discharge producing ethanol; solely to be used for Ethanol Blended Petrol Programme of the Government of India shall be considered under B2 Category with condition that the project proponent shall file a notarized affidavit that ethanol produced from proposed project shall be used completely for EBP Programme.
3.	Proposed capacity /area/length/tonnage to be handled/command area/lease area/number of wells to be drilled	:	300 KLPD Ethanol Plant (Grain Based) Total Area for Ethanol Plant: 8.7 Acres (3.52 Hectares)
4.	New/Expansion/Modernization	:	New
5.	Proposed Capacity/Arrear etc.	:	300 KLPD Grain Based Ethanol Plant Total Area for Ethanol Plant: 8.7 Acres (3.52 Hectares)
6.	Category of Project i.e. 'A' or 'B'	:	Category 'B2' as per the MoEFCC Notification S.O. 2339(E) dated 16th June, 2021 a special provision in the EIA Notification, 2006
7.	Does it attract the general condition? If yes, please specify	:	No
8.	Does it attract the specific condition? If yes, please specify.	:	No
9.	Location	:	
	Plot/ Survey / Khasra No.	:	86/12, 86/13, 86/14, 86/17/1, 86/17/2, 86/18/1, 86/18/2, 86/22, 86/23, 86/24, 101/1, 101/10 & 101/11
	Village	:	Buttar Seviyan
	Tehsil	:	Baba Bakala
	District	:	Amritsar
	State	:	Punjab
10.	Nearest railway station/airport along with distance in KMs	:	Railway Station – Beas (~12.5 km in South direction) Sri Guru Ram Dass Jee International Airport, Amritsar (~46 km in

Proposed 300 KLPD Grain Based Ethanol Plant
At Village Buttar Seviyan, Tehsil Baba Bakala, District Amritsar, Punjab

Form 1

		WNW direction)
11.	Nearest Town, City, District Headquarters along with distance in Kms.	Baba Bakala (~8.5 km in South direction)
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Gram Panchayat – Derdeo Sardara Sarpanch – Repinder Kaur Tel: 98721-24042
13.	Name of the applicant	Buttar Biofuels Private Limited
14.	Registered Address	S.C.O. 51-52, First Floor, Sector 8-C, Chandigarh – 160 009
15.	Address for correspondence:	: Buttar Biofuels Private Limited
	Name	: Ajayinder Majithia
	Designation (Owner/Partner/CEO)	: Vice President
	Address	: S.C.O. 51-52, First Floor, Sector 8-C, Chandigarh – 160 009
	Pin Code	: 160 009
	E-mail	: vpbbpl@gmail.com
	Mobile No.	: 9815900950
	Telephone No.	: 0172-2541505, 2540007
	Fax No.	: 0172-2546809
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet	: No alternative site has been considered.
17.	Interlinked Projects	: Yes, the source of Steam and Power will be from own sugar mill i.e. Rana Sugars Limited. The existing sugar mill is operating on the basis of CTO for air & water vide Certificate No. CTOA/Renewal/ASR/2020/12273489 dated 30/04/2020 valid till 31/03/2021 & CTOW/Renewal/ASR/2020/12391850 dated 14/08/2020 valid till 31/03/2021
18.	Whether separate application of interlinked project has been submitted	: No
19.	If yes, date of submission	: No
20.	If no, reason	: No expansion is proposed in existing sugar mill.
21.	Whether the proposal involves approval/clearance under: If yes, details of the same and the status to be given (a) The Forest (Conservation) Act, 1980 (b) The Wildlife (Protection) Act, 1972 (c) The C.R.Z Notification, 1991	: The proposal does not involve any approval /clearance under any act as mentioned in the condition. No No No

22.	Whether there is any Government Order/Policy relevant/relating to the site	:	No Government order/policy has been issued relevant for the plant site.
23.	Forest land involved (hectares)	:	No forest land is involved in the project.
24.	Whether there is any litigation pending against the project and / or land in which the project is proposed to be set up (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	:	No litigation is pending against the project.

(II) Activity

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

S. No.	Information/Checklist confirmation	Yes/ No	Details there of (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	The total area for the proposed Grain based Ethanol Plant is 8.7 Acres (3.52 Hectares). Topography of the core zone is flat. Proposed plant is adjoining the existing sugar mill campus named Rana Sugar Limited. The proposed Ethanol Plant (Buttar Biofuels Private Limited) is a sister concern of Rana Sugars Limited. The land is already under the possession of Company. The land use of the area is industrial land use.
1.2	Clearance of proposed land, vegetation and buildings?	Yes	Presently, there is a temporary workshop of the sugar mill and sheds for parking cycles in the land for proposed Ethanol Plant. For the installation of Ethanol Plant these two will be cleared. Also, 30 trees need to be felled for the installation project which will be replenished by plantation of 10 times the number of trees to be felled in and around the plant premises on open land or government land or along roadside. Care will be taken to minimize the cutting of the trees along roadsides and will be trimmed based on needs.
1.3	Creation of new land uses?	Yes	Construction of the plant will change the present open industrial land use to industrial built-up land use.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	Site specific geotechnical and sub-surface investigations will be carried out before construction.
1.5	Construction works?	Yes	Construction will be done for installation of Ethanol Plant units,

Proposed 300 KLPD Grain Based Ethanol Plant

At Village Buttar Seviyan, Tehsil Baba Bakala, District Amritsar, Punjab

Form 1

			raw material, product storage & Effluent treatment facility etc.
1.6	Demolition works?	Yes	Existing temporary workshop of sugar mill and sheds for parking cycles will be demolished from the land proposed for installing the Ethanol Plant.
1.7	Temporary sites used for construction works or housing of construction workers?	No	During construction work, local people will be hired from the nearby areas; therefore, no additional housing facilities will be developed.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	There will be above ground buildings, structures or earthworks including linear structures, cut and fill or excavations for the proposed installation of Ethanol Plant.
1.9	Underground works including mining or tunneling?	No	No underground works including mining or tunneling is required.
1.10	Reclamation works?	No	No reclamation work is required.
1.11	Dredging?	No	No dredging is involved.
1.12	Offshore structures?	No	No offshore structures will be developed.
1.13	Production and manufacturing processes?	Yes	<p>Grain Based Ethanol Plant Process:</p> <ol style="list-style-type: none"> 1. Grain storage 2. Grain cleaning, milling and flour handling 3. Liquefaction 4. Fermentation 5. Multi Pressure Distillation 6. Decantation 7. Multi-Effect Evaporation 8. DWGS Dryer 9. Alcohol daily receivers & bulk storage <p>Manufacturing process details are described in Pre-Feasibility Report.</p>
1.14	Facilities for storage of goods or materials?	Yes	Raw Materials required for process will be stored in Covered Sheds/ Godown. Finished product will be initially collected in respective daily receivers and then transferred to bulk storage tanks.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	<ul style="list-style-type: none"> • Grain Slops (Spent Wash) will be passed through Centrifuge Decanters for separation of suspended solids separated as Wet Cake (also known as DWG – Distiller’s Wet Grains). Thin Slops from the Decanter Centrifuge will be partly recycled to process (20% to 30%) and the balance will be fed to Thin Slop Evaporation Plant for concentration of remaining solids to

			<p>form Slop Syrup of 30% - 35% w/w TS. These will be combined & sent for drying in a Dryer to make DDGS, which will be ideally used as poultry feed ingredients. Minor quantities of sludge generated during operations will be dried and internally used as manure.</p> <ul style="list-style-type: none"> • Process condensate, cooling tower, boiler blow-down & others will be treated in CPU/ETP and recycled within the process. • Used or Spent oil will be sold to CPCB authorized Vendors for recycling.
1.16	Facilities for long term housing of operational workers?	No	Most of the staff will reside in nearby areas. So, there is no need of long-term housing facility.
1.17	New road, rail or sea traffic during construction or operation?	Yes	Transportation of raw materials and finished product during construction and operation phase will be done by road, therefore road traffic will be increased.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc.?	No	Minimal additional road traffic for transportation of plant equipment, construction material, raw material and finished goods will be required.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	No closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements will be required.
1.20	New or diverted transmission lines or pipelines?	No	No new or diverted transmission lines or pipelines will be laid.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	There is no impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers.
1.22	Stream crossings?	No	There is no stream crossing through the site.
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	The freshwater water requirement for the proposed project is 1200 KLPD, source of which is Ground water. The company has already obtained permission for groundwater abstraction of 1800 KLPD from Punjab Water Regulation & Development Authority (PWRDA) vide permission no. PWRDA/07/2021/L3/121 dated 02.07.2021.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	There will be no change in the water bodies or the land surface affecting drainage or run-off.
1.25	Transport of personnel or materials for construction, operation or	Yes	Transportation of personnel or materials for construction, raw materials and products will be done by road.

	decommissioning?		
1.26	Long-term dismantling or decommissioning or restoration works?	No	No long-term dismantling or decommissioning or restoration works is envisaged for the proposed installation project.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Not Applicable
1.28	Influx of people to an area in either temporarily or permanently?	Yes	<i>During construction phase:</i> 250 persons will be required during project construction which will be temporary. <i>During operation phase:</i> 150 persons will be required and the same will be sourced from the nearby areas.
1.29	Introduction of alien species?	No	Introduction of alien species is not envisaged.
1.30	Loss of native species or genetic diversity?	No	No such case is reported from the area so far.
1.31	Any other actions?	No	Not Applicable

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

S. No.	Information/checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	No	The land is already under the possession of the Company. The land use of the area is open industrial land.
2.2	Water (expected source & competing users) unit: KLPD	Yes	The freshwater water requirement for the proposed project is 1200 KLPD, source of which is Ground water. The company has already obtained permission for groundwater abstraction of 1800 KLPD from Punjab Water Regulation & Development Authority (PWRDA) vide permission no. PWRDA/07/2021/L3/121 dated 02.07.2021.
2.3	Minerals (MT)	No	Not applicable
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	Construction material as available locally such as sand, aggregates etc. will be used. The quantification of the materials will be done during detailed engineering stage.
2.5	Forests and timber (source – MT)	No	No forests and timber will be used.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	The power requirement is 6.0 MW which will be met from Co-Generation Power Plant installed within own sugar mill (46 MW). In emergency only, DG sets (2 x 1000 KVA) will be used as back-up power. Fuel: for D.G. Sets - Diesel.
2.7	Any other natural resources (Use appropriate standard units)	No	Not Applicable

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	Yes	The hazardous chemicals used in the plant are Caustic Soda (Sodium Hydroxide). The hazardous chemicals will be provided with proper storage facilities as per MSIHC rules to avoid any harm to environment or human health.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	No effect is envisaged
3.3	Affect the welfare of people e.g. by changing living conditions?	No	There will be positive impact in the area: <ul style="list-style-type: none"> • Employment opportunities, both direct and indirect will be generated, thus improving the economic status of the villagers. • Communication and transport facilities will be improved. • Education facilities will be improved. • Community health care programs will be conducted which will provide better health and medical facilities not only to the employees but also to the villagers.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	No effect envisaged.
3.5	Any other causes	No	Not Applicable

4. Production of solid wastes during construction or operation or decommissioning (MT/month)

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	Not applicable
4.2	Municipal waste (domestic and or commercial wastes)	Yes	Municipal solid waste generated from plant will be collected, segregated and disposed off scientifically.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	Used or spent oil will be carefully stored in HDPE drums in isolated covered facility. The used oil will be sold to CPCB authorized vendors.
4.4	Other industrial process wastes	Yes	The Solid waste from Grain based operations generally comprises of fibres and proteins in the form of DDGS which will be ideally used as poultry feed ingredients.

4.5	Surplus product	No	There will be no surplus product.
4.6	Sewage sludge or other sludge from effluent treatment	No	There will be no Sewage Sludge or other sludge from effluent treatment.
4.7	Construction or demolition wastes	Yes	Construction or demolition waste like soil, brick bats, etc. will be utilized in leveling of land and construction of roads.
4.8	Redundant machinery or equipment	No	There will no redundant machinery or equipment.
4.9	Contaminated soils or other materials	No	There will be no contamination of soil or any other material.
4.10	Agricultural wastes	No	There will not be any agricultural waste.
4.11	Other solid wastes	No	No other waste will be generated.

5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	No	Power and steam will be sourced from own sugar mill co-generation power plant. So, no boiler has been proposed and no emissions from combustion of fossil fuels from stationary or mobile sources has been envisaged.
5.2	Emissions from production processes	Yes	CO ₂ will be generated during fermentation process which will be collected and sold to vendors.
5.3	Emissions from materials handling including storage or transport	No	As materials transfer will be done in closed packaging/ pipe lines therefore no emission is envisaged.
5.4	Emissions from construction activities including plant and equipment	Yes	Fugitive dust emissions are likely to be generated from construction activities and vehicular movements. These emissions will be temporary and will be controlled by water spraying and regular sweeping of internal roads.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	During loading & unloading of construction material dust is likely to be generated. Water will be sprinkled and covered sheds will be provided for construction materials to reduce dust emission. Odour problems will be properly controlled at source by good operational practices, including physical and management control measures.
5.6	Emissions from incineration of waste	No	No incineration of waste is envisaged.
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	There will be no burning of waste in open air.
5.8	Emissions from any other sources	No	There will be no emissions from any other source.

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	Noise from operation of equipment will be kept below the prescribed limit by CPCB. Noise abatement measures will be taken and persons working just close to machines and machine operators will be provided with personal protective equipment viz. ear plugs/ear defenders etc. for further protection.
6.2	From industrial or similar processes	Yes	Noise will be generated due to the running of the machinery. Proper mitigation measures will be taken for the reduction of noise levels viz. acoustic enclosures etc. The workers will be provided with personal protective equipment.
6.3	From construction or demolition	Yes	Noise generated during construction activities will be maintained within the prescribed noise standards.
6.4	From blasting or piling	No	Not Applicable
6.5	From construction or operational traffic	Yes	Noise during construction activities will be temporary & will be maintained within the prescribed noise standards.
6.6	From lighting or cooling systems	No	No noise will be generated from lighting or cooling systems
6.7	From any other sources	No	There are no other sources of noise generation.

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials.	No	The hazardous materials will be stored in a proper storage facility designed with protective measures to avoid any risk of contamination to the land or to the human through leakage or spillages.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	The proposed Ethanol Plant will be based on the concept of "Zero Effluent Discharge" hence no sewage or other effluent will be discharged outside the plant premises.
7.3	By deposition of pollutants emitted to air into the land or into water	No	No air emissions will be envisaged and regarding effluent, Ethanol Plant will be based on "Zero Liquid Discharge". Hence, no deposition of pollutants into the land, air or water.
7.4	From any other sources	No	Not Applicable.
7.5	Is there a risk of long-term buildup of pollutants in the environment from these sources?	No	Likelihood of such an event is not foreseen.

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	Yes	Proper maintenance, operation and leakage proof condition of machineries will eliminate the possibilities of fire. Fire extinguishers will be installed near all fire prone areas & all persons will be properly trained to extinguish the fire at source itself. No other major risk will be involved.
8.2	From any other causes	No	Not Applicable
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)	No	No such case has been reported in the area and chances are minimal. However, the company will have Emergency and Contingency plans in place.

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • housing development • extractive industries • supply industries • other 	No	No adverse effect on environment and supporting infrastructure will be envisaged. Proposed project will result in considerable growth of the surrounding areas by generating direct and indirect employment opportunities in the region including ancillary development. Overall growth of the surrounding area in terms of socio-economic status and standard of living.
9.2	Lead to after-use of the site, which could have an impact on the environment	No	Negligible impact is envisaged on air, noise and aesthetic parameters due to the proposed project.
9.3	Set a precedent for later developments	Yes	This project will have positive effect on the living standards of local people in terms of employment, infrastructure and overall development of the area.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects.	No	There will be no existing or planned projects with similar effects.

(III) Environmental Sensitivity

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km) project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value.	No	Not applicable
2	Areas which are important or sensitive for ecological reasons-Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Yes	Beas River, Dhardeo Distributary, Athwal Distributary (Sobraon Branch – Upper Bari Doab Canal), Vadala Distributary, Riarki Distributary, Tangra Distributary, Patti Nala, many small irrigation canal. No reserved or protected forests found within the 15 km radius of the plant site
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	None	Not applicable
4	Inland, coastal, marine or underground waters	None	Not Applicable
5	State, National boundaries	No	Not applicable
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Yes	Roads <ul style="list-style-type: none"> • NH 503A (~5.0 km in South direction) • NH 1 (~11.0 km in South direction) • MDR 66 (Adjacent in West direction) Railway Station <ul style="list-style-type: none"> • Beas RS (~12.5 km in South direction)
7	Defense installations	None	Not applicable
8	Densely populated or built-up area	Yes	Baba Bakala Town (~8.5 km in South direction)
9	Areas occupied by sensitive man-made land uses (<i>hospitals, schools, places of worship, community facilities</i>)	Yes	There are a few primary schools, dispensaries, small hospitals, places of worship, within 15 km from the project site.
10	Areas containing important, high quality or scarce resources (<i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)	Yes	Radha Soami Satsang Beas (~10.65 km in South direction)
11	Areas already subjected to pollution or environmental damage. (<i>those where existing legal environmental standards are</i>	No	There is no critically polluted area in 15 km radius of the project site.

	<i>exceeded)</i>		
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (<i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i>)	No	The project site falls in Seismic Zone - IV (High Damage Risk Zone) based on the Vulnerability Atlas of India – 2nd Edition, BMTPC

(IV) Proposed Terms of Reference

Buttar Biofuels Private Limited is proposing 300 KLPD Grain Based Ethanol Plant at Village Buttar Seviyan, Tehsil Baba Bakala, District Amritsar, Punjab. The company is a sister concern of Rana Sugars Limited. Rana Sugars Limited has an existing sugar mill having 5000 TCD capacity along with 44.2 MW Co-generation Power Plant at Village Buttar Seviyan, Tehsil Baba Bakala, District Amritsar, Punjab. For proposed installation of 300 KLPD Grain based Ethanol Plant, Rana Sugars Limited has leased 8.70 acres land to Buttar Biofuels Private Limited. In addition to above, Buttar Biofuels Private Limited will source power and steam from the sugar mill for the operations of proposed unit.

Government of India has notified the National Policy on Biofuels, 2018 in order to increase ethanol production in the country. This policy has laid out indicative targets of achieving 20% blending of ethanol in petrol in the whole country by 2030. However, the government of India has advanced the target for 20% ethanol blending in petrol (also called E20) from 2030 to 2025. MoEFCC, New Delhi vide its recent notification of S.O. 2339(E) dated 16th June, 2021 stated that, *“Grain based distilleries with Zero Liquid Discharge producing ethanol; solely to be used for Ethanol Blended Petrol Programme of the Government of India shall be considered under B2 Category”* with condition that the project proponent shall file a notarized affidavit that ethanol produced from proposed project shall be used completely for EBP Programme.

Thus, the company is proposing a 300 KLPD Grain Based Ethanol Plant with Zero Liquid Discharge so as to participate in the visionary Ethanol Blending Programme (EBP) intended for production of Ethanol vide the same notification.

The company is also submitting the notarized affidavit (self-declaration as mentioned in the Notification dated 16th June, 2021) stating that the new 300 KLPD Grain Based Ethanol Plant will be completely utilized for production of ethanol only so as to participate in Ethanol Blending Program (EBP) of Government of India (GoI).

In view of the above submissions, we humbly request you to kindly consider our proposal for grant of Environment Clearance under “B2” Category.

(V) Undertaking

BUTTAR BIOFUELS PRIVATE LIMITED

REGD. OFFICE: SCO 51-52, FIRST FLOOR, SECTOR 8-C, CHANDIGARH, INDIA-160009

TEL: 0172-2541505, 2540007, 2549217, FAX: 2546809

CIN: U24119CH2020PTC043318

UNDERTAKING

"I hereby give undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given if any to the project will be revoked at our risk and cost.

Date: 17.07.2021

Place: Chandigarh

For Buttar Biofuels Private Limited



Authorised Signatory

Signature of the applicant

Ajayinder Majithia

Vice President

For Buttar Biofuels Private Limited

Note:

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 will submit with the application a C.R.Z. map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t. C.R.Z. (at the stage of ToR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action will also be taken to obtain the requisite clearance under the provisions of the C.R.Z. Notification, 1991 for the activities to be located in the CRZ.
2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent will submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC).
3. All correspondence with the Ministry of Environment & Forests including submission of application for ToR/Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent will be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project.

