



सत्यमेव जयते

File No: SIA/TG/IND2/438036/2023
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), TELANGANA)



Date 03/05/2025



To,

Sri Umasankar Padhi,
ALLIED BLENDERS AND DISTILLERS LIMITED
Survey No. 690/AA, 691/AA2 and 692, Village-Rangapur, Mandal-Pebbair, District-Wanaparthy,
Telangana - 509104
umasankar@abdindia.com

Subject: Grant of Environmental Clearance (EC) for Expansion to the proposed project under the provision of the EIA Notification 2006 - regarding.

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/TG/IND2/438036/2023 dated 01/03/2025 for grant of prior Environmental Clearance (EC) for Expansion to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

- | | |
|--|---|
| (i) EC Identification No. | EC23B2504TG5967335N |
| (ii) File No. | SIA/TG/IND2/438036/2023 |
| (iii) Clearance Type | Fresh EC |
| (iv) Category | B1 |
| (v) Project/Activity Included Schedule No. | 5(g) Distilleries
Existing Grain Based Distillery of 180 KLPD (180 KL x 365 days = 65,700 KLPA) and Proposed 12 KLPD (12 KL x 365 days = 4,380 KLPA) of Malt Spirit along with Existing 6.5 MW Power Plant [Capacity after expansion 192 KLPD (180 KLPD Grain based + 12 KLPD Malt Spirit) & 6.5 MW Power Plant] at Survey No.: 690/AA, 691/AA2, 692, Village - Rangapur, Mandal - Pebbair, District - Wanaparthy, State - Telangana, Pin Code - 509104 by M/s. Allied Blenders and Distillers Limited |
| (vii) Name of Project | |
| (viii) Name of Company/Organization | ALLIED BLENDERS AND DISTILLERS |

	LIMITED
(ix) Location of Project (District, State)	Survey No. 690/AA, 691/AA2 and 692, Rangapur(V), Pebbair(M), Wanaparthy District, Telangana - 509104
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. In view of the particulars given in the Para 1 above, the project proposal inter-alia including Form-1(Part A and B) were submitted to the Ministry for an appraisal by the State Environment Impact Assessment Authority(SEIAA) Appraisal Committee (SEIAA) in the Ministry under the provision of EIA notification 2006 and its subsequent amendments.

The State Level Expert Appraisal Committee (SEAC) examined the proposal based on the information furnished by the proponent and presentation made by the Environmental Coordinator of **M/s. Anacon Laboratories Pvt. Ltd., Nagpur, Maharashtra** in its meeting held on **13.03.2025** deferred the proposal and directed the proponent to upload corrected KML file and corrected layout plan, existing green belt details, water and solid material balance, odour control measures. Accordingly, the project proponent uploaded corrected KML file, layout plan, greenbelt, details of water & solid waste generation and odour control measures.

The total land area is 12.141 ha. (Acres 30) and the greenbelt area is 4.375 ha. (36.03%) and submitted photographs for the same.

Further, the SEAC in its meeting held on **10.04.2024** observed from the KML file that a canal is passing across the proposed expansion site. In this regard the proponent submitted a copy of Memo dt.15.06.2016 of Superintending Engineer, PJP circle no.1, Gadwal permitting the industry for diversion and re-alignment of existing canal (DP7). The SEAC examined the proposal and recommended the project for EC with subject to the conditions.

The SEAC noted that earlier the industry obtained EC vide order dt.24.08.2009 from MoE&F, GoI for manufacturing production quantity of 150 KLPD grain based distillery to manufacture RS/ENA/Ethanol and 6.5 MW power plant in the name of M/s. Shasta Bio-fuels Pvt. Ltd. Subsequently, the industry obtained transfer of EC vide order dt. 29.07.2019 from MoEF&CC for name change from M/s. Shasta Bio-fuels Pvt. Ltd., to M/s. Allied Blenders and Distillers Private Limited.

Subsequently, the industry obtained Expansion of EC vide order dt.09.03.2023 for Grain Based Distillery from 150 KLPD to 180 KLPD. The proponent obtained transfer of EC vide order dt.02.05.2023.

The proponent obtained TORs (auto generated) dt.13.07.2023 from SEIAA, Telangana for expansion of Grain based Distri.

Further, the industry obtained Certified Compliance Report vide Ir.dt.08.01.2025 from the MoEF&CC, IRO, Hyderabad and also submitted compliance report on CFO conditions. The industry also obtained CFO vide order dt.19.10.2023 with validity upto 31.03.2028 and amendment to CFO vide order dt.12.07.2024 from TSPCB.

The minutes of the meeting and all the Application and documents submitted [(viz. Form-1 Part A, Part B, Part C EIA, EMP)] are available on PARIVESH portal which can be accessed by scanning the QR Code above.

The brief about configuration of plant/equipment, products and byproducts and salient features of the project along with environment settings, as submitted by the Project proponent in Form-1 (Part A, B and C) / EIA & EMP Reports/presented during SEIAA are annexed to this EC as Annexure (1).

The SEIAA, in its meeting held on 29.04.2025 discussed in detail the recommendations of SEAC and approved the project for Environmental Clearance. Accordingly, after discussions in the matter and considering the recommendations of the SEAC, the SEIAA, Telangana hereby accords Expansion for Environmental Clearance to **M/s. Allied Blenders and Distillers Limited**, under the provisions of EIA Notification, 2006 and as amended thereof with the following additional conditions & stipulation of specific and general conditions.

The details of products and by products / activity of the project are mentioned in Annexure (2).

The Ministry reserves the right to stipulate additional conditions, if found necessary.

The EC to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

This issues with the approval of the Competent Authority.

Salient Features:

1	Proposal no.	SIA/TG/IND2/438036/2023			
2	Project name	M/s. Allied Blenders and Distillers limited			
3	Proposal for:	EC (Expansion)			
4	Project location	Survey No. 689, 690/AA, 691/AA2, 692, Rangapur (V), Pebbair (M), Wanaparthi District, Telangana			
5	Latitude, Longitude	16°10'50.91"N to 16°10'56.67"N 77°56'44.88"E to 77°56'28.05"E			
6	Nearest Village	Rangapur – 1.9 km (SE)			
7	Nearest Water body	Krishna River – 0.8 km (SW)			
8	Nearest RF	--			
9	Total cost of the project (in Crores)	Rs. 385.74 Crores (after expansion)			
10	Total project site area/extent	12.141 ha (30 acres)			
11	Water requirement	Source water from Krishna river. The freshwater requirement for existing unit is 2400 KLD.			
		Existing	:	2400 KLD	
		Proposed Expansion	:	160 KLD	
		After Expansion	:	2560 KLD	
12	Waste water:	Existing	:	1422 KLD	
		Proposed Expansion	:	96 KLD	
		After Expansion	:	1518 KLD	
13	Treated water proposed to use per day (KLD)	Present - 1422 KLD Expansion – 1518 KLD			
14	DG Set	1 x 1500 kVA, 1 X 500 KVA			
15	Production details:				
	S. No.	Product	Existing Capacity	After Proposed expansion Capacity	After expansion (Annual Capacity)
	1.	ENA / RS/ Ethanol	180 KLPD	180 KLPD	65,700 KLPA
	2.	Malt Spirit	0.0	12 KLPD	4,380 KLPA
	3.	Power Plant	6.5 MW	6.5 MW	6.5 MW
	By- product				
	1.	Impure Spirit	6.0 KLPD	6.0 KLPD	2,190 KLPA
	2.	Fusel Oil	0.12 KLPD	0.12 KLPD	43.8 KLPA
	3.	CO ₂	96.0 Tons/ day	96 Tons/ day	35,040 Tons/ annum
	4.	DWGS*	142 Tons/day	(24 TPD from Malt)	60,590 Tons/ annum
	5.	DDGS*		166 Tons/day	
	<i>Note: * 1. Quantity of Generation of DDGS & DWGS depends on type/ mix of grains used in manufacturing and ratio of DWGS & DDGS opted for customer requirement.</i>				
	<i>2. There is no CO₂ generation in Malt plant (Quantify CO₂/day and align with design capacity of CO₂.)</i>				
	16	The proponent shall comply with the following w.r.t. solid waste generated after expansion:			
		S. No	Name of Waste	Existing	After expansion

		Quantity	Quantity	
1	ETP sludge	320 Kg/day	322 Kg/day	Shall be used as manure for greenbelt development within plant premises.
2	Plastic bags	300 Ton/annum	330 Ton/annum	Shall be disposed to authorized recyclers.
3	Ash	25,550 TPA	32,032 TPA	Sold to Brick Manufacturer & Cement Industry
4	Organics waste (from Canteen)	0.01 TPD	0.01 TPD	The waste is collected and treated in compost pit and used as manure within plant premises.
5	Waste Oil	2500 litre/Annum	3000 litre/Annum	Shall be disposed to authorized oil recyclers.
6	Drums and plastic cans	50 Nos/Day	55 Nos/Day	After complete detoxification, shall be sold to outside agencies.

After expansion the existing 50 TPH Boiler shall be operated with ESP to control the particulate emissions from the stack of height 54 m connected to the Boiler (Imported Coal / Rice Husk/ Briquette) and the proposed 16 TPH boiler operate with ESP along with online stack monitoring system with Coal/Bio-mass as fuel. The Particulate Matter shall not exceed 50 mg/Nm³. D.G. Sets, if any, shall be provided with stack of adequate height as per norms.

The total project cost after proposed expansion is Rs.385.74 Crores (Existing project cost is Rs.310.74 Crores and proposed cost is Rs.75.0 Crores). The funds earmarked for environmental protection measures after expansion (Capital cost of Rs.15.75 Crores and Recurring cost of Rs.20.32 Crores/annum).

Copy To

1. The Chairman, SEAC, TG for kind information.
2. The Member Secretary, TGPCB for kind information.
3. The EE, RO: Hyderabad, TGPCB for information.
4. The IRO, MoEF&CC, GoI, Hyderabad for kind information.
5. The Secretary, MoEF&CC, GoI, New Delhi for kind information.
6. Concerned file.

Annexure 1

Standard EC Conditions for (Distilleries)

1. Specific Conditions

S. No	EC Conditions
1.1	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer to be done through pumps.
1.2	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be

S. No	EC Conditions
	implemented.
1.3	The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.
1.4	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project. Conversion of land use (CLU) certificate shall be obtained before start of construction activities.
1.5	NOC from the Concerned Local authority shall be obtained before start of the construction of plant and drawing of the surface water for the project activities, State Pollution Control Board / Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission. No ground water shall be used for the plant operations.
1.6	Total fresh water requirement shall not exceed 2560 m ³ /day and it will be met from River Krishna. Existing permission for drawl of 2760 KLPD water from Krishna river is obtained.
1.7	No effluent shall be discharged outside the factory premises and 'zero' discharge shall be adopted. No discharge shall be allowed into water body under any circumstances. The Spent wash generated from the fermenter shall be sent to the Decanter followed by MEE. MEE concentrate sent to Dryer to get DDGS. The MEE concentrate shall be released in process. The Spent lees generated from the distillation unit shall be treated in an ETP,
1.8	CO ₂ generated from the process shall be recovered as much as sold to authorized vendors.
1.9	Occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
1.10	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.
1.11	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms. PESO certificate shall be obtained wherever applicable.
1.12	The ETP sludge shall be used as manure for greenbelt development within plant premises.
1.13	<p>The company shall undertake waste minimization measures as below: -</p> <ol style="list-style-type: none"> a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for equipment cleaning etc. to reduce wastewater generation.

S. No	EC Conditions
1.14	The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.
1.15	As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall to be completed within time as proposed.
1.16	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
1.17	Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.
1.18	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
1.19	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
1.20	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.
1.21	As per G.O.Ms. No.8, dt: 08.02.2018, the SEIAA, Telangana shall monitor compliance of the stipulated conditions through the Telangana Pollution Control Board.

2. General Conditions

S. No	EC Conditions
2.1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification,

S. No	EC Conditions
	2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
2.2	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
2.3	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
2.4	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
2.5	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
2.6	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
2.7	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
2.8	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
2.9	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

S. No	EC Conditions
2.10	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
2.11	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

3. NbwI Conditions

S. No	EC Conditions
3.1	The proponent shall comply with Plastic Waste Management Rules, 2016 & also comply with MoEF& CC Notification No: G.S.R. 571 (E), dated: 12.08.2021 which mandated banning of usage of identified Single Use Plastic items with effect from 01.07.2022.

Additional EC Conditions

N/A

Annexure 2

Details of the Project

S. No.	Particulars	Details								
a.	Details of the Project	Existing Grain Based Distillery of 180 KLPD (180 KL x 365 days = 65,700 KLPA) and Proposed 12 KLPD (12 KL x 365 days = 4,380 KLPA) of Malt Spirit along with Existing 6.5 MW Power Plant [Capacity after expansion 192 KLPD (180 KLPD Grain based + 12 KLPD Malt Spirit) & 6.5 MW Power Plant] at Survey No.: 690/AA, 691/AA2, 692, Village - Rangapur, Mandal - Pebbair, District - Wanaparthy, State - Telangana, Pin Code - 509104 by M/s. Allied Blenders and Distillers Limited								
b.	Latitude and Longitude of the project site	16.1790856882356,77.94076615371104 16.18328013837994,77.94611478730027								
c.	Land Requirement (in Ha) of the project or activity	<table border="1"> <thead> <tr> <th>Nature of Land involved</th> <th>Area in Ha</th> </tr> </thead> <tbody> <tr> <td>Non-Forest Land (A)</td> <td>12.141</td> </tr> <tr> <td>Forest Land (B)</td> <td>0</td> </tr> <tr> <td>Total Land (A+B)</td> <td>12.141</td> </tr> </tbody> </table>	Nature of Land involved	Area in Ha	Non-Forest Land (A)	12.141	Forest Land (B)	0	Total Land (A+B)	12.141
		Nature of Land involved	Area in Ha							
		Non-Forest Land (A)	12.141							
Forest Land (B)	0									
Total Land (A+B)	12.141									
d.	Date of Public	Public consultation for the project was held on								

S. No.	Particulars	Details
	Consultation	
e.	Rehabilitation and Resettlement (R&R) involvement	NO
f.	Project Cost (in lacs)	385.74
g.	EMP Cost (in lacs)	1575
h.	Employment Details	

Details of Products & By-products

Name of the product /By-product	Product / By-product	Existing	Proposed	Total	Unit	Mode of Transport / Transmission
ENA / RS/ Ethanol	Product	180	0	180	Kilo Litre per Day (KLD)	Road
Malt Spirit	Product	0	12	12	Kilo Litre per Day (KLD)	Road
Power Generation	Product	6.5	0	6.5	Mega Watt (MW)	Internal transfer
Impure Spirit	By-Product	6	0	6	Kilo Litre per Day (KLD)	Road
Fusel Oil	By-Product	0.12	0	0.12	Kilo Litre per Day (KLD)	Road
CO2	By-Product	96	0	96	Tons Per Day	Road
DWGS and DDGS	By-Product	142	24	166	Tons per Day	Road