



BIHAR STATE POLLUTION CONTROL BOARD
Industrial Estate, Bela, Muzaffarpur-842005

Ref. No.-

Muzaffarpur, dated-

'CONSENT-TO-ESTABLISH' (NOC)

UNDER SECTIONS 25/26 OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981

Reference Online Application ID- **6506674**, dated **30.08.2022** of **M/s Arya Bio-fuels**, Proprietor- Smt. Shikha Shukla, W/o-Sri Bisheshwar Shukla, resident At & P.O-Tendua, P.S-Guthani, Dist-Siwan for establishment of Petrol Pump/ Retail Outlet of **Hindustan Bio-Diesel** at Khata no.-33, Khesra no.-99, Mauza-Kareji, P.O-Belour, P.S-Guthani, Dist-Siwan with a capital Investment of Rs 61 Lacks approx. The storage capacity of the retail outlet will be **51 Kilo Liters of MS/ HSD and DG Set capacity: 65 KVA.**

AFTER CONSIDERING:

- (i) The facts stated in their application;
- (ii) Letter of Intent issued by Hindustan Bio-Diesel Industries Pvt. Ltd., dated: 07.03.2020;
- (iii) Bihar State Pollution Control Board's Notification No. 26 dated 08.11.2003 and notification no-07, dated 27.06.2011;
- (iv) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 : and
- (v) Affidavit dated 26.08.2022 regarding distance of different land marks.

NOC IN FAVOUR OF THE PROPONENT AT THE SAID SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS:

General Conditions:

1. The proponent shall obtain 'Consent-to-Operate' under sections 25 & 26 of the Water Act, 1974 and 21 of the Air Act, 1981 from the Board;
2. Sludge shall be collected, stored and disposed as per Rules 8 of Hazardous Waste (Management and Transboundary) Rules, 2016 and amendments thereof and records shall be maintained.
3. The effluent (domestic or trade) and emission, if any, shall conform to the standard as prescribed by the Board;
4. The diesel generator sets shall be provided with integral acoustic enclosure to meet the prescribed norms w.r.t noise as per the Gazette Notification dated of the Ministry of Environment & Forests, Government of India 12-07-2004. The acoustic enclosure/ acoustic treatment of room should be designed for minimum 25 dB (A) Insertion Loss or for meeting the ambient noise standards, whichever is on the higher. The measurement for Insertion Loss may be done at different points at 0.5 meter from the acoustic enclosure/room and then averaged. The Diesel Generator Sets should also be provided with proper exhausts muffler with Insertion Loss of minimum 25 dB (A).
5. The stack height for the Diesel Generator Sets shall be as below:
$$\text{Height of Stack (in Meters)} = \text{Height of Building} + 0.2\sqrt{\text{KVA of DG Set}}.$$
6. The occupier shall ensure that the noise from the operations in the unit does not exceed the prescribed ambient noise standards for the industrial area i.e. 75 dB (A) Leq during the day time and 70 dB (A) Leq during the night. The day time is reckoned in between 6 am and 9 pm the night time is reckoned between 9 pm and 6 am.
7. The unit shall submit approved On Site & off Site Management Plan before operation.
8. The unit shall provide fire fighting arrangement as per Rule of Fire Fighting Department.
9. The unit shall obtain explosive license from the competent authority.
10. The unit shall have a display board near the site stating name of unit/Industry with address/name of proprietor with address and ref memo no and date of consent with its validity period granted by the Board.

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11. All workers engaged at retail outlets will be covered under ESI. Oil Marketing Company (OMC) dealers shall implement the personal protective equipment (PPE) as per labour laws.
12. IEC (Information Education Communication) activities should be organized by OMC dealers for workers at regular intervals in order to sensitize them about harmful impacts of VOC emissions.
13. PESO shall conduct audit of tanks and fuel equipment including pipes, overfill protection equipment and alarm system on annual basis and maintain records.
14. The petrol pumps/ Retail Outlets shall not be located within a radial distance of 50 meters (from fill point/ dispensing units(DU)/ vent pipe whichever is nearest) from schools, hospitals (10 beds and above) and residential areas designated as per local laws. No high tension line shall pass over the retail outlet.

Specific Conditions:

1. Petrol pumps located in areas with high groundwater table i.e. Ground water levels less than 04 meters shall have secondary containment by way of double walled tanks or concrete protection walls so as to minimize groundwater and soil contamination. It shall be the responsibility of OMC to properly get measured groundwater level at the site of proposed petrol pump and ensure implementation of these adequate protection measures for such sites. Details of measures taken by OMC shall be placed in public domain and in case of contradictory view; view of State/ Central Ground Water Board/ Authority will prevail.
2. Retail outlets shall have underground tanks/ above ground tank and its ancillary components such as pipes, flexible connectors, pumps, fittings etc. protected from leaks due to corrosion by adopting materials (HDPE/ Mild Steel etc.) with required protective coating, as applicable, duly approved by PESO.
3. They shall report any major leakage/ spillage of Petrol, Diesel, Lube Oil (more than 1 barrel-165 liters) to this Board, PESO and District Administration under intimation to CPCB within 24 hours of occurrence.
4. Operation of concerned Underground Storage Tank (UST) and its ancillary components shall be stopped immediately and not be resumed till corrective measures to contain and stop leakage/ spillages are implemented to the satisfaction of PESO and this Board.
5. OMCs will be held liable for Environmental Compensation (imposed by this Board) and assessment of environmental damage (depending on extent of contamination in soil and ground water) and site remediation. Consultant/ Expert agency appointed by OMCs for damage assessment and site remediation shall have minimum national/ international experience of 5 years in this field. Various approved methods shall be considered for cleaning underground contaminants
6. The unit shall have Auto Cut off Nozzles which shuts dispensation of fuel if its level in customer fuel tank reaches full capacity.
7. Breakaways to be installed for all the hoses of dispensing units to reduce spillage in the event of customer vehicles moves away with nozzle still in the fueling position.
8. Single/ double plane swivel with breakaway coupling shall be installed for all the dispensing units for better positioning of nozzle while refueling so that it does not fall off accidentally.
9. In pressurized dispensation, the DU shall be installed with shear valves to cut the fuel flow from pipe line immediately upon accidental knocking of dispensing units from its position.
10. In pressurized system, all Submersible Turbine Pumps (STPs) are to be installed with line leak detectors and in the event of pipeline leaks STPs shall stop pumping fuel from underground tanks.
11. Emergency stop button switch shall be provided on the Multi-Product Dispenser (MPD) to stop the dispensation in case of emergency.
12. Automation system shall be installed at all new retail outlets to alert in case of tank leak by way of auto gauging system approved by PESO.
13. The Retail Outlet shall provide overfill alarm through automation.
14. Measures for spill containment in fill point chambers and forecourt area shall be implemented as prescribed by PESO.
15. The retail outlets will have automation system installed which will provide reports on volume balance after every day operation and records shall be maintained.
16. Manual gauging shall be done once in a month and compare the same with Automatic Tank Gauging for accuracy.