



भारत सरकार

GOVERNMENT OF INDIA

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन

Petroleum and Explosives Safety Organisation

(पूर्व नाम – विस्फोटक विभाग)

(Formerly- Department of Explosives)

“ए-ब्लॉक 4, पाँचवा तल, केन्द्रीय कार्यालय परिसर,

“A” Block, 5th Floor, CGO Complex,

सेमिनरी हिल्स, नागपूर - 440 006 (महा)

Seminary Hills, Nagpur- 440006

संख्या /No. C.VIII(3)125/Circular/Petroleum

दिनांक/ dated 09/09/2024

C I R C U L A R

Sub: Additional safety measures for setting up of new petroleum service station – reg.

As per CPCB guidelines dated 07.01.2020 for setting up of new petrol pumps, new retail outlets shall not be located within the radial distance of 50 meters (from fill point/ dispensing units/ vent pipe whichever is nearest) from schools, hospitals (10 beds and above) and residential area designated as per local laws. In case of constraints in providing 50 meters distance, the retail outlet shall implement additional safety measures as prescribed by PESO. In no case the distance between new retail outlet from school, hospitals (10 beds and above) and residential area designated as per local laws shall be less than 30 meters.

In view of the Directions of CPCB, the following additional safety measures shall be complied for setting up new petroleum service stations near residential areas, hospitals (10 beds and above) and schools within 30-50 meter radius.

1. The proposed petroleum service station shall be provided with minimum 2 meters high RCC/solid brick masonry boundary wall of 230 mm thick on the sides of proposed petroleum retail outlet facing the school, hospital (10 beds & above) and residential area designated as per Local Laws.
2. All underground tanks shall be in concrete pit in the proposed petroleum service station.
3. The tanker unloading platform shall preferably be located opposite to the side of the petroleum service station facing the school/residential area/hospitals (10 beds and above).
4. No Refuller loading or parking arrangement shall be allowed in the proposed petroleum service station.

These additional safety measures are approved by DPIIT vide Explosives Section OM No. P-13033/100/2024-EXPLOSIVE dated 7th August 2024 (copy enclosed).

Encl : As above

Yours faithfully,



(P.Kumar)

Chief Controller of Explosives

To

All Stake holders for Petroleum Service Stations.

Copy to:

1. Explosives Section DPIIT: w.r.t. Explosives Section OM No. P-13033/100/2024-EXPLOSIVE dated 7th August 2024.
2. All PESO Circle /Sub-Circle offices.

13087
13/8/2024
P-13033/100/2024-EXPLOSIVE
भारत सरकार/Government of India
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce and Industry
उद्योग संवर्धन और आंतरिक व्यापार विभाग/Deptt. for Promotion of Industry & Internal Trade
विस्फोटक अनुभाग/Explosives Section

Udyog Bhawan, New Delhi-110011
Dated: 7th August, 2024

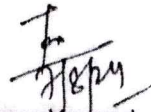
OFFICE MEMORANDUM

Subject: Approved Minutes of the meeting held on 25.07.2024 under the Chairmanship of Secretary, DPIIT regarding recommendation of additional safety measures for siting of new petrol pump-reg.

The undersigned is directed to refer to the subject mentioned above and to forward herewith a copy of the approved minutes of the meeting held on 25.07.2024 under the Chairmanship of Secretary, DPIIT regarding recommendation of additional safety measures for siting of new petrol pump.

2. This issues with the approval of competent authority.

Encl: As above



(Pritam Kumar)

Under Secretary to the Govt. of India

Tel: 011-23063148

Email ID: pritam.k@gov.in

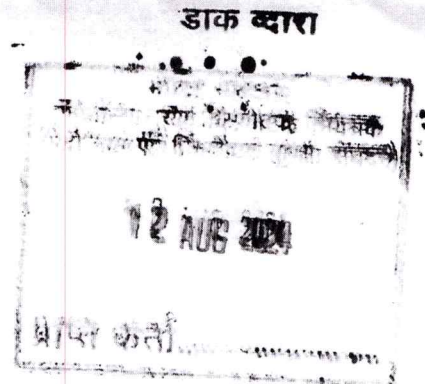
To,

1. The Secretary, Ministry of Petroleum and Natural Gas
- ✓ 2. Shri P. Kumar, CCE, PESO
3. The Chairman, Central Pollution Control Board

Copy to,

1. OSD to Secretary, DPIIT.
2. PS to JS (SB), DPIIT
3. Shri Bhuvnesh Pratap Singh, DS, DPIIT

Mail may be sent alongwith proceedings in support site for compliance.
14/8/24



Minutes of the meeting held on 25.07.2024 at 3:30 PM under the Chairmanship of Secretary, DPIIT (SIIT) regarding Additional Safety Measures for siting of new petrol pump-reg.

Agenda: Discussion on safety measures (**Annexure I**) recommended by PESO for setting up new petroleum retail outlets near residential areas, hospitals (10 beds and above), and schools within a 30-50 meter radius.

Dr. Bhuvnesh Pratap Singh welcomed all the participants. The meeting aimed to review and discuss these safety measures proposed for aforesaid new retail outlets. The list of participants is provided in **Annexure - II**.

Safety Measures and views of the participants thereto : -

- **Safety Measure 1:** A boundary wall of 230 mm thickness is proposed for outlets facing schools and hospitals. Shri Anil Ahir from BPCL suggested a reduced thickness of 170 mm. After detailed deliberations, OMCs agreed to adhere to the 230 mm requirement.
- **Safety Measure 2:** The measure recommends placing all underground tanks in concrete pits. OMCs proposed removing this requirement, citing existing CPCB norms for concrete protection only when the water table is less than 4 meters or near surface water bodies.
- **Safety Measure 3:** A Vapour Recovery System (VRS) is recommended. OMCs requested an exemption, arguing that VRS is mandated by CPCB for air pollution control, not safety. CPCB confirmed that it is a pollution related issue. However, Dr. Sanjana Sharma, Joint CCE, PESO, emphasized VRS's importance for safety to prevent vapour-related accidents at the premises where the residential areas, school and hospitals are located at 30 meter or within 30 to 50 meter. OMCs further argued that all PESO distance norms will be followed but VRS has got a backend infrastructure including preparation of Tankers, supply points based on the statutory requirements governed by population norms, which anyway will be followed if the subject RO falls under the same but should not be made mandatory. Secretary, DPIIT mentioned that this will be considered to be relaxed while all other requirements are put in place.
- **Safety Measures 4 and 5:** Recommendations include placing the tanker unloading platform away from sensitive areas and prohibiting refueler loading or parking in these ROs. OMCs argued that these measures may be unnecessary due to existing safety distances defined in the Petroleum Rules.
- **Safety Measures 6, 7, and 8:** Additional Measures No. 6, 7 and 8 are related to documentation, site plan drawing, etc.



Representatives of OMCs demanded to drop these measures as OMCs are submitting documents and layout Drawings duly signed by Authorized officer of OMCs, as per Petroleum Rules and Licensing requirements.

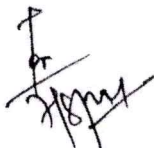
After detailed deliberation following actions were unanimously accepted by all the stakeholders: -

Safety Measures No. 1, 2, 4 and 5 were agreed upon by all stakeholders and shall be followed by OMCs and additional measures No. 6, 7 and 8 may be dropped as there are already provisions in Rule 131 and Rule 144 of Petroleum Rules, 2002 regarding these measures. Measure No. 3 (VRS) will be followed in line with CPCB's guidelines wherever applicable.

It was also decided: -

- I. To setup a committee comprising of officers of PESO, CPCB and one representative each from major PSU Oil companies to furnish a report on what are the best global practices regarding setting up of retail outlets in populated areas.
- II. Based on the recommendation of the committee if required, an appeal for revision of CPCB guidelines will be made before Hon'ble Supreme Court.

The meeting concluded with a vote of thanks.



Annexure-I

- 2 -

In view of the above, a committee has been constituted by the Chief Controller of Explosives to suggest a way forward to implement said guidelines while granting prior approval for construction and licenses to new petroleum retail outlets. The matter is also discussed with the industry members as well as with all heads of Circle & Sub-Circle office of PESO. The committee report is enclosed herewith.

On the basis of recommendations of committee and deliberations with the industry members as well as PESO officers, PESO prescribes the following additional measures for siting of new petrol pump in case minimum distance of 30 meters is available with respect to above said 3 criteria with following conditions.

- (1) The proposed petroleum retail outlet shall be provided with minimum 2 meters high RCC/solid brick masonry boundary wall of 230 mm thick on the sides of proposed petroleum retail outlet facing the school, hospital (10 beds & above) and residential area designated as per Local Laws.
- (2) All underground tanks shall be in concrete pit in the proposed petroleum retail outlet.
- (3) Vapour recovery system shall be provided in these retail outlets.
- (4) The tanker unloading platform shall preferably be located opposite to the side of the retail outlet facing the school/residential area/hospitals (10 beds and above).
- (5) No Refueller loading or parking arrangement shall be allowed in the proposed petroleum retail outlet.
- (6) The item wise compliance of CPCB guidelines duly signed by the Divisional/Regional Manager of OMC shall be submitted along with application for construction approval and it should be clearly mentioned in their undertaking that "No school, hospital (10 beds and above) and residential area designated as per Local laws is situated within 30 metres from the fill points, dispensers and vent pipes of the retail outlet".
- (7) The site plan drawings of proposed petroleum retail outlet shall show 30 meters, 50 meters and 100 meters separation distance circles incorporating all the existing structures within the same. The site plan drawings shall clearly indicate minimum 30 meters radial separation distance is available from the fill points, dispensing units, vent pipes, from existing school, hospitals (10 beds and above) and residential area designated as per Local Laws and the same drawing shall be endorsed by District Authorities while issuing of NOC.
- (8) The District Magistrate shall mention in the NOC that no school, hospital (10 beds & above), residential area designated as per Local Laws is existing within 30 meters from the proposed retail outlet fill points, dispensers and vent pipes.

Annexure – II

List of Participants

1. Shri Rajesh Kumar Singh, Secretary, DPIIT
2. Ms Sujata Sharma, JS, MoPNG
3. Dr. Bhuvnesh Pratap Singh, DS, DPIIT
4. Shri Pritam Kumar, Under secretary, DPIIT
5. Shri P. Kumar, Chief Controller of Explosives, PESO
6. Dr. Sanjana Sharma, Jt Chief Controller of Explosives
7. Shri Sanjay Singh, Dy Chief Controller of Explosives
8. Shri R. N Meena, Jt Chief Controller of Explosives
9. Dr. M.I.Z Ansari, Jt Chief Controller of Explosives
10. Shri V.K Mishra, Jt Chief Controller of Explosives
11. Shri Ankush Tewani, Scientist F, CPCB
12. Shri Anil Ahir
13. Shri Pradeep
14. Shri ND Mathur, IOCL
15. Shri Anil Garg
16. Shri DHV Anand, HPCL
