

The 428th meeting of the State Level Environment Impact Assessment Authority was convened on 09.05.2017 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Waseem Akhtar, Chairman, SEIAA. The following members attended the meeting:-

- | | | |
|----|-------------------|------------------|
| 1 | Shri H.S. Verma | Member |
| 2. | Shri Anupam Rajan | Member Secretary |

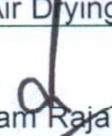
A. Following other than mining case query response have been considered:-

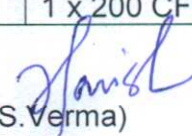
S.No.	Case No.	Category	No. & date of latest SEAC- II
1.	4156/2015	8(a)	423 rd SEIAA meeting dtd. 24.03.2017

1. **Case No 4156/2015:** Prior EC for expansion construction of New mounded storage vessels 3 nos. x 300 MT each, Cylinder Pressure Testing Shed with two Paints Booths, Addition of two unloading Bays, Addition of one DG Set 500 KVA, Construction of underground Diesel Tank 20 KL for captive use, construction of Tank Lorry Parking at LPG Bottling Plant, Existing capacity 22 TMTA cylinder bottling capacity, Proposed capacity 90 TMTA existing area 11.6 acres proposed area 12.2 acres at village -Khasra 37 & 21, village Kolukhedi, Tehsil Huzur District Bhopal M. P. by Bharat Petroleum Corporation, Ltd., through Mr. Manoj Verma Territory Coordinator, BPCL LPG Bottling Plant, Bhopal-Indore by Pass Road, P. O. Bhouri Bakania, Bhopal-462030 E-mail manojv@bharatpetroleum.in, P. No. 0755-2853464

- (1) The project pertains to the proposed construction of new mounded storage vessels 3Nos. X 300 MT each, Cylinder Pressure Testing Shed with two Paint Booths , Addition of two Unloading Bays, Addition of one DG Set 500 KVA, Construction of Underground Diesel Tank 20 KL for captive use, Construction of Tank Lorry Parking at LPG Bottling Plant, Bakania.
- (2) The LPG bottling plant located at Bakania near Bhopal handles 22000MT of LPG per year with bottling facility of 7000 cylinders/day. The existing facilities of the bottling plant are as follows:

S. No.	Name of Items	Capacity
01.	Storage Tanks for LPG	2 Nos. A/G Bullets (2x100 MT)
02.	Safety Valves on Storage Tanks	2 Nos.
03.	Set Pressures (Kg/Cm2g)	14.2
04.	Discharge Height (Meters)	2.5 M to 3.0 M
06.	Unloading Bay	2 Bays
07.	No. of tankers to be unloaded at a time	2 Nos.
08.	No. of Carousel	1 (Electronic Carousel of 12x18 stations)
09.	LPG Pumps	2 x 27 m3/hr
10.	LPG Compressor	1 x 65 CFM
11.	Air Compressor	1 x 200 CFM
12.	Air Drying Unit	1 x 200 CFM


(Anupam Rajan)
Member Secretary



(H.S. Verma)
Member

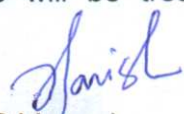

(Waseem Akhtar)
Chairman

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13.	DG Set	1 x 250 KVA
14.	Fire Water Storage	2 x 1900 KL (A/G)
15.	Fire Water Pumps	3 x 450 KL/Hr
16.	Jockey Fire Water Pumps	2 x 16 m3/hr

- (3) Earlier prior Environmental Clearance was granted by MPSEIAA vide letter No. 2405/SEIAA/13, dated 08.02.2013. PP has submitted compliance report of earlier prior EC certified by MoEF & CC Regional Office, Bhopal (dtd. 09.03.2017). As per the report the implementation of environmental clearance conditions are found satisfactory and complied whereas some compliances such as provision of garland drains and ETP for treatment for process water are partially complied as stipulated. PP has been advised to take care for channelize the process effluent through an oil and grease trap before sending for further process in the ETP. A guard pond needs to be constructed for storm water drains, frequency of ambient air should be enhanced as per EMP and also the submission of the report of the risk analysis/ uploading of six monthly compliance report as per stipulation.
- (4) There is no interstate boundary within 10 km (PWD letter dtd. 23.10.15) and no National Park / Sanctuary within the 05 km of the project area(DFO letter dtd. 26.08.15) hence the general conditions are not attracted.
- (5) The project includes isolated storage & handling of hazardous chemicals and covered under 6 (b) category of the MoEF, GoI EIA Notification, 2006 and its amendments.
- (6) The ToR were issued to PP by SEAC (vide letter no. 693 dated 20/04/16) and EIA was submitted by PP in SEIAA office on 17.11.2016.
- (7) Public Hearing was held on 05.10.2016 at project site Bhauri Bania L.P.G. plant under the Chairmanship of ADM Bhopal. Some issues were raised during public hearing which were addressed by PP.
- (8) The case was discussed in SEAC meetings 269th dtd. 29.02.2016, 285th dtd. 26.12.2016 and 288th dtd 30.03.2017 and project is recommended for grant of prior EC subject to 20 special conditions.
- (9) The case was also discussed in 423rd SEIAA meeting dtd. 24.03.2017, and decided to call PP for presentation.
- (10) The case was discussed in depth and it is noted that :-
- (11) Regarding land documents PP has submitted copy of land order and Khasra Panchsala 2009-10. As per the Khasra panchsala the land is the name of Bharat Petroleum Corporation Limited. The entire area of 35 acres of land has been declared as area earmarked for storage and handling of petroleum products by State Government.(Existing area of the project is -11.6 acre & proposed is-12.2 acre.)
- (12) The LPG is received through 18 MT bulk tank lorries from BPCL's Bina Refinery, Mumbai Refinery, Hazira and GAIL Vijapur, Gujarat etc.
- (13) The total water requirement at the existing LPG bottling plant will be 20 KLD which will be met by existing bore well. 12 KLD water will be used for process for cylinders washing, testing etc. and 08 KLD for domestic purpose. Waste water generated from the process will be treated in ETP and reused &


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Member Secretary



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- recycled in process. 6KLD waste water generated from domestic activity will be treated in STP and after treatment it will be used for irrigation of green area.
- (14) There is no continuous source of air pollution from the process of existing facilities of Depot because the entire bottling process is carried out closed circuit through piping from storage area to filling shed. There shall not be any continuous source of air emission from the proposed facilities. For precaution of air pollution, PP has proposed gas detectors at the LPG plant at strategic locations to detect concentration of hydrocarbon in the premises.
 - (15) No solid waste shall be generated from the proposed facilities. The oil collected in the Oil Water Separator is stored in the PP containers and sold to registered vendors approved by MPPCB. Paint sludge (approx (0.3 kg) generated from painting of cylinders will be stored in isolated container and handed over to authorized recyclers.
 - (16) Hazardous waste generated like used oil, grease and empty drums, used paint containers and other metallic containers are disposed of through registered vendors approved by MPPCB as per Hazardous Waste (Management, Handling & Trans-boundary Movement) Rules, 2008 & subsequent amendments.
 - (17) Hazop and risk assessment for LPG plant including proposed three mound vessels have been carried out and risk mitigation measures have been spelled to enhance safety at the plant. PP has proposed fire fighting arrangement as per PNGRB Act, 2006. clause No.17
 - (18) After enhancement of the bottling plant the power requirement is 400 KVA which is to be obtained from M. P. Pashchim Khhetra Vidyut Vitran Co. Ltd. Two DG sets one of 125 KVA and other of 365 KVA with acoustic enclosures is already available. However, one another 500 KVA capacity DG set having acoustic enclosures will be provided to meet the power requirement during grid power failure after capacity expansion.
 - (19) The existing green belt in project site has been developed of 4.3 acres of land area. PP has proposed existing 4.3 acres green belt will be strengthened after expansion.

It is decided to accept the recommendations of 288th SEAC meeting dtd. 30.03.2017 with 20 special conditions and accord prior Environmental Clearance to proposed expansion construction of New mounded storage vessels 3 nos. x 300 MT each, Cylinder Pressure Testing Shed with two Paints Booths, Addition of two unloading Bays, Addition of one DG Set 500 KVA, Construction of underground Diesel Tank 20 KL for captive use, construction of Tank Lorry Parking at LPG Bottling Plant, Existing capacity 22 TMTPA cylinder bottling capacity, Proposed capacity 90 TMTPA existing area 11.6 acres proposed area 12.2 acres at village – Khasra 37 & 21, village Kolukhedi, Tehsil Huzur District Bhopal M. P. by Bharat Petroleum Corporation, Ltd. , through Mr. Manoj Verma Territory Coordinator, BPCL LPG Bottling Plant, Bhopal-Indore by Pass Road, P. O. Bhouri Bakania, Bhopal-462030 **subject to following specific conditions imposed by SEIAA :-**

- (i). PP should ensure the implementation of the observations of Regional Office, MoEF&CC, Bhopal (dtd. 09.03.2017).


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- (ii). Occupational health surveillance of worker should be done on a regular basis and maintained as per the Factory Act.
- (iii). The project authorities shall comply with the provision made in Manufacture, storage and Import of Hazardous Chemicals Rules 1989, as amended and the Public Liability Insurance Trans – boundary Movement) Rules 2008.
- (iv). PP should ensure the implementation of proposed CSR activities on regular basis in consultation with District Administration.
- (v). PP should educate local people about pollution and its prevention/control.
- (vi). Oil and water separator should be installed at appropriate places.
- (vii). PP should install solar panels for all external lighting and additional solar panels should also be installed for future expansion.
- (viii). Garland drains all along the boundary wall should be constructed.
- (ix). PP shall ensure no leakage on any transfer point.
- (x). Liquid waste from paint house/spray painting should be properly disposed off in ETP and paint sludge/hazardous waste should be disposed in TSDF, Pithampur through authorized vendor.
- (xi). PP should conduct educational/awareness programs in coordination with M P Pollution Control Board.
- (xii). Provision of clean energy should be made in environmental management plan.
- (xiii). PP should prepare off-site and on-site emergency plans and carry out mock drills in consultations and coordination with the District Administration and as per safety rules of the Industrial Health and Safety.
- (xiv). PP should ensure the traffic movement plan, parking facilities and road width.
- (xv). PP should ensure implementation of commitment made during public hearing.
- (xvi). PP should obtain NOC for firefighting from Competent Authority.
- (xvii). PP should ensure the rain water harvesting.
- (xviii). Under green area development PP should ensure : -
 - (a) Plantation in two rows all along the periphery of the project area, and along the roads, subject to minimum of 33% of the total area of the project.
 - (b) Plantation of the trees of indigenous local varieties like Neem, Peepal, Kadam, Karnj, Kachnaar etc.
 - (c) Plantation should be completed within one year.
 - (d) Every effort should be made to protect the existing trees on the plot.

Meeting ended with a vote of thanks to the Chair.


(Anupam Rajan)
Member Secretary


(H.S. Verma)
Member


(Waseem Akhtar)
Chairman