



# HPCL LNG LIMITED

(100% Subsidiary of Hindustan Petroleum Corporation Limited)  
(Formerly known as HPCL Shapoorji Energy Pvt Ltd.)

Registered office: HPCL Regional Office, Petroleum House,  
Behind Memnagar Fire Station, Navrangpura, Ahmedabad - 380009.

Project Office: Plot No.866-867, Chhara LNG Terminal, Village – Chhara, Tal – Kodinar, Gir Somnath, Gujarat Pin – 362720.  
Tel 6357172290. CIN U40101GJ2013PLC077228

Ref. No. HPLNG/MOEFCC/2022/001

Date: 03<sup>rd</sup> January 2022

To,

**Integrated Regional Office (IRO) - Gandhinagar**  
Ministry of Environment, Forest and Climate Change  
Room No. 407, Aranya Bhawan, Near CH-3 Circle,  
Sector 10A, Gandhinagar – 382010  
Gujarat

**Subject:** Submission of Six-monthly EC Compliance report for the period of **June to November, 2021**

**Reference:** Environmental Clearance vide F. No. 11-01/2014-IA-III Dated 5<sup>th</sup> March, 2019

Respected Sir,

We refer to the above permission granted by MoEF & CC vide letter F. No. 11-01/2014-IA-III Dated 5<sup>th</sup> March, 2019 for Development of LNG Storage and re-gasification terminal at village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat.

In the above permission letter, as per Clause (iii) of Part B: General Conditions we are required to submit six-monthly monitoring report to the regional office of the ministry.

Accordingly, we are submitting herewith six monthly the EC compliance report for the period of **June to November, 2021** on implementation of various conditions of EC as per clause 10 of EIA notification, 2006 & amended till date.

There is a change in corporate structure of HPCL Shapoorji Energy Private Limited (HSEPL). HSEPL became a 100% subsidiary of Hindustan Petroleum Corporation Limited (HPCL) on 30th March 2021, by acquiring 50% stake in HSEPL held by M/s. SPPPL. It is now a Public Limited Company and its name changed to HPCL LNG Limited (HPLNG) effective 10th September, 2021. In this regard, HSEPL will initiating the process of name change application in EC letter with MoEF&CC.

We hope you will find this in order. We shall look forward for your valuable inputs & advice to make the things better and environmentally suitable.



Thanking you,

Very Truly Yours

Yours faithfully

**For, HPCL LNG Limited**

**B. Sesha Chary**  
**GM-Projects**

**Copy to:**

- 1) The secretary, Department of Environment & Forest, Govt. Of Gujarat, Block No. 14, 8<sup>th</sup> floor Secretariat, Gandhinagar – 382010
- 2) The Additional Principal Chief Conservator of Forests, Ministry of Environment, Forest and Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal - 462016, Madhya Pradesh.
- 3) The Chairman, Central Pollution Control Board, Parivesh Bhawan, Aatmajyoti Ashram Rd, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara, Gujarat 390023
- 4) Gujarat Pollution Control Board, Paryavaran Bhavan, Opp. Bij Nigam, CHH Road, Sector 10A, Gandhinagar, Gujarat 382010
- 5) Gujarat pollution control board, Regional Office, 'Pankaj Bungalow', Opp. Saint Anne's Church, Station Road, Junagadh - 362 001.

## Amol Vadnere

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**From:** Amol Vadnere <amol@kadamenviro.com>  
**Sent:** Monday, January 3, 2022 2:47 PM  
**To:** 'iro.gandhingr-mefcc@gov.in'; 'compliance.seiaa.gujarat@gmail.com'; 'rowz.bpl-mef@nic.in'  
**Cc:** 'Rajeev Ranjan'; 'Sheetal Kadam EIA Vadodara'  
**Subject:** HSEPL\_EC Compliance Report\_June-November 2021  
**Attachments:** EC Compliance Report\_HSEPL.pdf

Respected Sir,

Please find attached Half-yearly **EC Compliance Report for the period of June to November 2021** for “Development of LNG Storage and Re-gasification Terminal at village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat” by **HPCL LNG LIMITED** (formerly known as **HPCL Shapoorji Energy Pvt. Ltd.**).

There is a change in corporate structure of HPCL Shapoorji Energy Private Limited (HSEPL). HSEPL became a 100% subsidiary of Hindustan Petroleum Corporation Limited (HPCL) on 30th March 2021, by acquiring 50% stake in HSEPL held by M/s. SPPPL. It is now a Public Limited Company and its name changed to HPCL LNG Limited (HPLNG) effective 10th September, 2021. In this regard, HSEPL will initiating the process of name change application in EC letter with MoEF&CC.

With Regard's

Amol Vadnere



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**M/s. HPCL LNG LIMITED**  
(Formerly known as HPCL Shapoorji  
Energy Pvt. Ltd.)

**EC Compliance Report –**  
**Development of LNG Storage and Re-**  
**gasification Terminal at village Chhara,**  
**Taluka Kodinar, District Gir Somnath,**  
**Gujarat**

**JUNE to NOVEMBER 2021**



**Kadam**

**Environmental Consultants**

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**Environment for Development**



## **M/s. HPCL LNG LIMITED** **(Formerly known as HPCL Shapoorji Energy Pvt. Ltd.)**

### **EC Compliance Report**

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## **SIX MONTHLY COMPLIANCE OF ENVIRONMENTAL CLEARANCE FOR THE MONTH JUNE – NOVEMBER 2021**

**M/s. HPCL LNG LIMITED.**  
**(Formerly known as HPCL Shapoorji Energy Pvt. Ltd.)**  
**(Ref: FILE NO: 11-01/2014-IA III DATED 5<sup>TH</sup> MARCH, 2019)**

### **About Project:**

M/s. HPCL LNG LTD. "HPLNG" (formerly known as M/s. HPCL Shapoorji Energy Pvt. Ltd. "HSEPL"), is developing a 5 MMTPA Greenfield LNG Storage and Regasification Terminal at village Chhara, district Gir-Somnath, Gujarat. The LNG Terminal is being developed within Chhara Port.

The Chhara Port is being developed by M/s Simar Port Pvt. Ltd. "SPPL" under Concession Agreement between Gujarat Maritime Board "GMB", Simar Port Pvt. Ltd., and Government of Gujarat.

HSEPL was granted Environmental and CRZ Clearance vide letter F.No. 11-01/2014-IA-III dated 5<sup>th</sup> March, 2019, for development of LNG storage and Re-gasification Terminal at Village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat.

There is a change in corporate structure of HPCL Shapoorji Energy Private Limited "HSEPL". HSEPL became a 100% subsidiary of Hindustan Petroleum Corporation Limited "HPCL" on 30<sup>th</sup> March 2021, by acquiring 50% stake in HSEPL held by M/s. SPPPL. It is now a Public Limited Company and its name changed to HPCL LNG Limited "HPLNG" effective 10<sup>th</sup> September, 2021.

In this regard, HPLNG will initiating the process of name change application in EC letter with MoEF&CC. We will update the status of application and further progress of application time to time while submitting the EC conditions compliance report.

LNG Terminal site development activities commenced from September 2019. Foundation works for plant buildings and equipments are in progress. Erection of equipments, development of internal roads, drain networks, plant buildings and LNG Storage Tank construction works are in progress.

## A. Compliance Status on Environmental and CRZ Clearance

| S. No.   | Condition  | Status           | Status of Compliance  |
|----------|--|------------------|---|
| <b>A</b> | <b>Specific Conditions</b>   |                  |   |
| i.       | Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area. | Being Complied   | Construction activity is being carried out according to the provisions of CRZ Notification, 2011.<br>No construction work other than those permitted in Coastal Regulation Zone Notification will be carried out in Coastal Regulation Zone area.   |
| ii.      | All the recommendations and conditions specified by The Gujarat Coastal Zone Management Authority (GCZMA) vide letter no. ENV-10-2016-50-E (T cell) dated February 2, 2017 shall be complied with.   | Agreed           | Compliance of recommendation are attached as <b>Annexure 1</b>  |
| iii.     | The project proponent shall ensure that the project is in consonance with the new CZMP prepared by the State Government under the provisions of the CRZ Notification, 2011.  | Complied         |   |
| iv.      | The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.  | Complied         | There are no creeks or rivers within the proposed port area.  |
| v.       | Shoreline should not be disturbed due to any activity. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring reports.                 | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.  |
| vi.      | The ground water shall not be tapped within the CRZ areas by the Project Proponent to meet with the water requirement in any case. Monitoring of ground water shall be carried out as per CGWA guidelines.   | Being Complied   | During construction phase required water sourced by tanker from Kodinar and Dewali Village. Ground water is not being used as water source during construction and operation phase.<br><br>No ground water tapping. Piezometers are installed at project site for under ground water monitoring.<br><br>Ground water is being monitored; water analysis reports are attached as <b>Annexure 3</b> . |

| S. No. | Condition   | Status           | Status of Compliance   |
|--------|---|------------------|--|
| vii.   | Based on the Comprehensive Marine EIA study done by National Institute of Oceanography (NIO) as submitted with EIA/EMP report, a detailed marine biodiversity management plan shall be prepared on marine, brackish water and fresh water ecology and biodiversity and implemented. The report shall be based on a study of the impact of the project activities on the intertidal biotopes, corals and coral communities, molluscs, sea grasses, sea weeds, subtidal habitats, fishes, other marine and aquatic micro, macro and mega flora and fauna including benthos, plankton, turtles, birds etc. as also the productivity. The data collection and impact assessment shall be as per standards survey methods. It will also address to the whales and turtles and the impact of oil spills on the complete spectrum of marine biology. | Complied         | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.   |
| viii.  | Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components as part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity.   | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.   |
| ix.    | Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO <sub>2</sub> , NO <sub>x</sub> and CO from the stack. HC and CO to be included in the regular AAQ monitoring.  | Will be complied | The condition will be fully complied during operations stage, as the Project is currently in Construction stage. AAQ has been monitored monthly during construction phase. Ambient air quality level monitoring results for the site are attached as <b>Annexure 3</b> |
| x.     | Apart from Emergency Response Plan as submitted with EIA/EMP report, the project proponents would also draw up and implement a management plan for the prevention of fires due to   | Will be complied | Emergency Response Plan will be prepared 6 months prior to commencement of commercial operations.  |

| S. No. | Condition   | Status           | Status of Compliance  |
|--------|---|------------------|---|
|        | simultaneous handling of coal and LNG in close vicinity   |                  |   |
| xi.    | The project proponents will draw up and implement an action plan to watch the interest of the fishing communities, apprehensive of adverse impacts, particularly fisherman communities in the villages of Dhamleg, Muldwaraka, Chhara, Madhwad, Kotrada and Velna.                                | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.                                |
| xii.   | Ship movements shall be so regulated that the mangroves of the Madhwad creek, reported to be 7 Kms away from the project site are not adversely affected.   | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.                                |
| xiii.  | Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life, particularly benthos. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.                       | Being complied   | Adequate measures are implemented as per GPCB guide lines and are being monitored.  |
| xiv.   | Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986. | Being complied   | Effluents and solid waste generation is not envisaged in LNG plant operation.<br><br>For construction stage, solid waste are being handled as per GPCB guideline. |
| xv.    | All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.   | Being complied   | All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines are being implemented.                      |
| xvi.   | The commitments made during the Public Hearing and recorded in the Minutes shall be complied with letter and spirit. A hard copy of the action taken shall be submitted to the Ministry.  | Complied         | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.                                |
| xvii.  | Vocational Training shall be included in the CSR.   | Will be complied | The Project is currently under construction stage. CSR activities will be planned upon commencement of commercial operations of the LNG Terminal.                 |
| xviii. | All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted   | Will be complied | Mitigation measures like Covering trucks to prevent dust emission, temporary sanitation facilities and water tanker from nearby villages are being complied.      |

| S. No.   | Condition  | Status           | Status of Compliance  |
|----------|--|------------------|---|
|          | to the RO, MoEF&CC along with half yearly compliance report.   |                  | All the mitigation measures submitted in the EIA report will be implemented.<br>Ambient air quality and Noise level monitoring results for the site are attached as <b>Annexure 3</b>   |
| xix.     | As per the Ministry's Office Memorandum F.No.22-65/2017-IA.III dated 1st May 2018, the project proponent shall prepare and implement Corporate Environment Responsibility (CER) Plan.  | Being complied   | As a part of CER and to help local administration in fighting COVID-19 pandemic, HPLNG (formerly known as HSEPL) distributed Oxygen Concentrators & Ventilators.<br><br>HSEPL has received "CERTIFICATE" from Taluka Health Office for donating the medical equipments<br><br>Certificate for the same is given as <b>Annexure 16</b> |
| <b>B</b> | <b>General Conditions</b>  |                  |   |
| i.       | Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.  | Will be complied | Piezometers are installed at site. Ground water quality is being checked on quarterly basis.<br><br>Ground water analysis reports are attached as <b>Annexure 3</b> .   |
| ii.      | Full support shall be extended to the officers of this Ministry/ Regional Office at Chennai by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities. | Agreed           | HPLNG will extend full support to the officers of MOEF/ Regional Office.  |
| iii.     | A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Chennai regarding the implementation of the stipulated conditions.   | In Progress      | Six-monthly monitoring report is being submitted to the Ministry and HPLNG will continue to adhere to this provision.   |
| iv.      | Ministry of Environment, Forest and Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.  | Agreed           | HPLNG (formerly known as HSEPL) acknowledges that MOEF and other competent authority may stipulate additional conditions or modify the existing ones. HPLNG will comply with the conditions as stipulated by MOEF/competent authority.  |
| v.       | The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of   | Agreed           |   |

| S. No. | Condition   | Status | Status of Compliance   |
|--------|---|--------|--|
|        | the Ministry.   |        |  |
| vi.    | In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest and Climate Change.  | Agreed | <p>There is a change in Corporate structure of HPCL Shapoorji Energy Private Limited (HSEPL).</p> <p>HPCL Shapoorji Energy Private Limited (HSEPL) became a 100% subsidiary of Hindustan Petroleum Corporation Limited (HPCL) on 30<sup>th</sup> March 2021, by acquiring 50% stake in HSEPL held by M/s. SPPPL. It is now a Public Limited Company and its name changed to HPCL LNG Limited effective 10<sup>th</sup> September 2021.</p> <p>In this regard, HSEPL will initiating the process of name change application in EC letter with MoEF&amp;CC. We will update the status of application and further progress of application time to time while submitting the EC conditions compliance report.</p> <p>Please refer <b>Annexure 18</b> for copy of letter, Dated 22<sup>nd</sup> June, 2021, regarding HSEPL structure change; submitted to Ministry of Environment, Forests and Climate Change, New Delhi</p> |
| vii.   | The project proponents 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 land development work. | Agreed | <p>HPLNG (formerly known as HSEPL) achieved financial closure on 16<sup>th</sup> March 2020. Common Rupee Loan Agreement was signed between HSEPL and Consortium of six Public Sector Banks led by State Bank of India (SBI).</p> <p>HSEPL has received Consent to Establish (CTE) no. 78045 from the Gujarat Pollution Control Board (GPCB) vide letter no. GPCB/JING-C-120/ID-50585/352346 dated 13/04/2016 which is attached as <b>Annexure 4</b>.</p> <p>HSEPL has received authorization by the Gujarat Maritime Board (GMB) to construct and maintain LNG Terminal at Chhara Port vide letter no. GMB/N/PVT-1/1628/439/7447 dated 01/11/2019. Which is attached as <b>Annexure 5</b></p>   |



| S. No. | Condition   | Status           | Status of Compliance   |
|--------|---|------------------|--|
|        |   |                  | Land development work started from September 2019  |
| viii.  | A copy of the clearance letter shall be marked to concern Panchayat/local NGO, if any, from whom any suggestion/representation have been made received while processing the proposal.   | Complied         | <p>Please refer <b>Annexure 6</b> for copy of clearance letter submitted to District Development Officer of Gir Somnath District.</p> <p>Please refer <b>Annexure 7</b> for copy of clearance letter submitted to Taluka Development Officer of Kodinar – District Gir Somnath</p> <p>Please refer <b>Annexure 8</b> for copy of clearance letter submitted to Municipal Corporation, Kodinar, District Gir Somnath.</p>   |
| ix.    | A copy of this clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.  | Complied         | Copies of Clearance letters have been submitted to District Development Officer Gir-Somnath, Taluka Development Office of Kodinar and Municipal Corporation Kodinar  |
| 4      | All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.  | Will be complied | <p>Please refer <b>Annexure 10</b> for Permission for Construction of LNG Import, Storage, regasification Terminal at Chhara from PESO</p> <p>Please refer <b>Annexure 11</b> for Approval for construction of Jetty for handling of LNG at Chhara Port from PESO</p> <p>Please refer <b>Annexure 12</b> for Approval of laying of 36", 1.2 Km long LNG Circulation lines (2 Numbers) &amp; 12", 1.2 km long vapour line from LNG receiving Jetty to B/L of Regasification Terminal at Chhara from PESO.</p> |
| 5      | The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at | Complied         | <p>Please refer <b>Annexure 13</b> for copy of EC advertisement in The Times of India on March 11, 2019.</p> <p>Please refer <b>Annexure 14</b> for copy of advertisement in Gujarat Kesari on March 11, 2019.</p> <p>Please refer <b>Annexure 15</b> for copy of letter dated March 20, 2019, forwarded to the Regional office of this Ministry at Bhopal.</p>  |

| S. No. | Condition  | Status   | Status of Compliance   |
|--------|--|----------|--|
|        | <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.  |          |  |
| 6      | This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.   | Agreed   |  |
| 7      | Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.  | Noted    |  |
| 8      | Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.   | Complied | The six-monthly compliance reports have been uploaded on <a href="http://www.hplng.in">www.hplng.in</a> under regulatory updates section.  |
| 9      | A copy of the clearance letter shall be sent by the 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. The clearance letter shall also be put on the website of the company by the proponent. | Complied | <p>Please refer <b>Annexure 6</b> for copy of clearance letter submitted to District Development Officer of Gir Somnath District.</p> <p>Please refer <b>Annexure 7</b> for copy of clearance letter submitted to Taluka Development Officer of Kodinar – District Gir Somnath</p> <p>Please refer <b>Annexure 8</b> for copy of clearance letter submitted to Municipal Corporation, Kodinar, District Gir Somnath.</p> <p>Copy of clearance letter has been uploaded on the company website.</p> |
| 10     | The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.  | complied | The six-monthly compliance reports have been uploaded on <a href="http://www.hplng.in">www.hplng.in</a> under regulatory updates section.  |
| 11     | The project proponent shall also submit six monthly reports on the status of compliance of the   | Complied | Six-monthly monitoring report is being submitted to the Ministry and HPLNG (formerly known as HSEPL)   |

| S. No. | Condition  | Status | Status of Compliance  |
|--------|--|--------|---|
|        | stipulated clearance conditions including results of monitored data (both in hard copy as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.   |        | will continue to adhere to this provision.  |
| 12     | The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent 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 Clearance conditions and shall also be sent to the respective Regional Office of MoEF&CC by e-mail. | Agreed | The six-monthly compliance reports have been uploaded on <a href="http://www.hplng.in">www.hplng.in</a> under regulatory updates section. Also, the compliance reports are also sent to the regional office of MoEF&CC by e-mail. |
| 13     | The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.  | Agreed |   |

**ANNEXURE 1: COMPLIANCE WITH RECOMMENDATIONS OF GCZMA AND PCCF**

**CRZ Clearance – Specific Conditions**

**(Ref. No. ENV-10-2016-50-E (T-cell) February 2, 2017)**

| S. No. | Recommendation   | Status           | Status of Compliance   |
|--------|--|------------------|--|
| 1.     | The provisions of the CRZ Notification of 2011 shall be strictly adhered to by M/s SPL. No activity in contradiction to the provisions of the CRZ Notification shall be carried out by M/s HPCLSEPL  | Agreed           | Please refer <b><i>Annexure 2</i></b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.<br><br>HPLNG shall ensure that CRZ Notification is strictly adhered to                   |
| 2.     | The HPCLSEPL shall ensure that adequate numbers of underpasses are provided in road construction to minimize the wildlife conflict and also traffic management plan shall be implemented as per report, in consultation with PCCF(WL) and allocate adequate fund for the same. | Will be complied | Please refer <b><i>Annexure 2</i></b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.  |
| 3.     | The HSEPL shall ensure that the over bridge is provided with adequate height with ground level, wherever, it is not possible to provide underpasses to minimize the Wildlife conflict, in consultation with PCCF(WL) and allocate adequate fund for the same.                  | Will be complied | Please refer <b><i>Annexure 2</i></b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.  |
| 4.     | A Marine Conservation center may be developed at Chhara with objective of educating the people and creating awareness amongst the people for Wildlife conservation.  | Will be complied | Please refer <b><i>Annexure 2</i></b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.  |
| 5.     | The HPCLSEPL shall earmark appropriate fund for the cause of conservation of lion and conflict management with "Lion Conservation Society" on annual basis.  | Will be complied | Please refer <b><i>Annexure 2</i></b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.<br><br>HPLNG (formerly known as HSEPL) will comply this condition during operation phase |
| 6.     | 100 m green belt shall be developed by the HSEPL outside the hard boundary. i.e. after the footprint of layout of the plant, in  | Will be complied | Please refer <b><i>Annexure 2</i></b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.  |

| S. No. | Recommendation   | Status           | Status of Compliance   |
|--------|--|------------------|--|
|        | consultation with Forests Department and maintenance will be done by HPCLSEPL.   |                  | PCCF has responded to the SPPL letter no. SPPL/Chhara/80/2019. PCCF letter is attached as <b>Annexure 2B</b> .<br><br>SPPL has requested forest department for planning and undertaking work of green belt development. Forest dept. has asked for some data, SPPL is in the process of submitting the required information to Forest Department. Submission is delayed due to Covid pandemic and same will be taken up on priority post resumption. |
| 7.     | The HPCLSEPL shall have to comply with all other conditions/ recommendations made by the PCCF (WL) vide his letter No: WLP/32/A/1501-1504/2016-17 dated 02-12-2016.  | Will be complied | Compliance with all other conditions/ recommendations made by the PCCF (WL), given in <b>Annexure 1 – PCCF Conditions</b>  |
| 8.     | The HPCLSEPL shall not start any construction activity without obtaining Environmental Clearance and CRZ clearance from the MoEF&CC, GOI.  | Complied         | HSEPL has received EC and CRZ clearance for the construction activity vide letter no. F. No. 11-01/2014-IA-III, Dated 5 <sup>th</sup> March, 2019  |
| 9.     | All necessary permissions from different Government Departments/ agencies shall be obtained by M/s. HSEPL before commencing any enabling activities.   | Complied         | All relevant permissions obtained and construction activity commenced in June-2019.  |
| 10.    | Dredging disposal site may be examined to ensure that it does not adversely affect the region west to the proposed port, which is known for whale shark presence and it shall be based on the modeling study done by the an agency of National repute. | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.   |
| 11.    | All the recommendations and suggestions given by NEERI Nagpur in their Comprehensive Environment Impact Assessment reports for conservation protection and betterment of environment shall be  | Will be complied | Please refer <b>Annexure 3</b>   |

| S. No. | Recommendation  | Status                   | Status of Compliance   |
|--------|---|--------------------------|--|
|        | implemented strictly by M/s HPCLSEPL  |                          |  |
| 12.    | The construction and operational activities shall be carried out in such a way that there is no negative impact on mangroves, if any, and other important coastal /marine habitats. The construction activities shall be carried out only under the guidance / supervision of the reputed institute / organization. | Complied                 | As per EIA report by NEERI, there are no mangroves at project site   |
| 13.    | M/s HPCLSEPL shall strictly ensure that no creeks or rivers are blocked due to any activity at the site.  | Complied                 | There are no creeks or rivers within the proposed port area.   |
| 14.    | The construction debris and /or any other type of waste shall not be disposed of into the sea, creek or in the CRZ areas. The debris shall be removed from the construction site immediately after the construction is over.  | Being Complied           | The debris will be removed from the construction site immediately after the construction is over.                                  |
| 15.    | The construction camps shall be located outside the CRZ area and the construction labour shall be provided with the necessary amenities, including sanitation, water supply and fuel and it shall be ensured that the environmental conditions are not deteriorated by the construction labours.                    | Agreed, will be complied | Photographs are given in <b>Annexure 17</b>  |
| 16.    | M/s SPL shall prepare and regularly update their Local Oil Spill Contingency and Disaster Management Plan in consonance with the National Oil Spill and Disaster Contingency Plan and shall submit the same to this Department after having it vetted through the Indian Coast Guard.                               | Will be complied         | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition. |
| 17.    | M/s HPCLSEPL shall bear the cost of the external agency that may be appointed by this Department for supervision / monitoring of proposed activities and the  | Complied                 | HPLNG (formerly known as HSEPL) agrees to bear the cost of external agency.  |

| S. No. | Recommendation   | Status           | Status of Compliance  |
|--------|--|------------------|---|
|        | environmental impacts of the proposed activities.  |                  |   |
| 18.    | The groundwater shall not be tapped within the CRZ areas by the SPL to meet with the water requirements in any case.   | Being complied   | This recommendation was included in EC as General Condition (vi) and is responded above.  |
| 19.    | Massive greenbelt development program including the mangrove plantation in 50 ha. shall be carried out in consultation with the Gujarat Ecology Commission/ Forest Department by M/s HPCLSEPL.   | Will be complied | <p>Please refer <b>Annexure 2</b>, wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.</p> <p>PCCF has responded to the SPPL letter no. SPPL/Chhara/80/2019. PCCF letter is attached as <b>Annexure 2B</b>.</p> <p>SPPL has requested forest department for planning and undertaking work of green belt development. Forest dept. has asked for some data, SPPL is in the process of submitting the required information to Forest Department. Submission is delayed due to Covid pandemic and same will be taken up on priority post resumption.</p> |
| 20.    | M/s HPCLSEPL shall have to contribute financially for taking up the socio-economic upliftment activities in this region in consultation with the Forests and Environment Department and the District Collector / District Development Officer. | Will be complied | <p>As a part of CER and to help local administration in fighting COVID-19 pandemic, HPLNG (formerly known as HSEPL) distributed Oxygen Concentrators &amp; Ventilators.</p> <p>HSEPL has received "CERTIFICATE" from Taluka Health Office for donating the medical equipments</p> <p>Certificate for the same is given as <b>Annexure 16</b></p> <p>The Project is currently in construction stage. CSR activities will be planned upon commencement of commercial operations of the LNG Terminal.</p>  |
| 21.    | A separate budget shall be earmarked for environmental management and socio-economic activities including the greenbelt/   | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.  |



| S. No.                 | Recommendation  | Status           | Status of Compliance  |
|------------------------|---|------------------|---|
|                        | mangrove plantation and details thereof shall be furnished to this Department as well as the MoEF&CC, GOI. The details with respect to the expenditure from this budget head shall also be furnished along with the compliance report.                          |                  |   |
| 22.                    | A separate Environmental Management Cell with qualified personnel shall be created for environmental monitoring and management during construction and operational phases of the project.   | -                | HPLNG (formerly known as HSEPL) will set up HSE department to ensure strict implementation of stipulated environmental safeguard.               |
| 23.                    | Environmental Audit report indicating the changes, if any, with respect to the baseline environmental quality in the coastal and marine environment shall be submitted every year by M/s HPCLSEPL to this Department as well as to the MoEF&CC, GOI.            | -                | Not applicable to period under review.<br><br>Will be complied during operation phase.  |
| 24.                    | A six monthly report on compliance of the conditions mentioned in this letter shall have to be furnished by M/S HPCLSEPL on a regular basis to this Department as well as to the Ministry of Environment, Forests and Climate Change, Government of India       | In progress      | Six-monthly monitoring report Is being submitted to the Ministry and HPLNG (formerly known as HSEPL) will continue to follow to this provision. |
| 25.                    | Any other condition that may be stipulated by this Department/ Ministry of Environment Forests and Climate Change, Government of India from time to time for environmental protection / management purpose shall also have to be complied with by M/s HPCLSEPL. | Agreed           |   |
| <b>PCCF Conditions</b> |   |                  |   |
| 1.                     | The phase I of project envisaged 5 MTPA (million tonne per annum) of coal which is likely to generate vehicle 400 truck. While phase II envisages that the LNG  | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.              |

| S. No. | Recommendation  | Status           | Status of Compliance   |
|--------|---|------------------|--|
|        | terminal will be having capacity of 5MMTP A expandable upto 10 MMTP A and this will generate significant traffic of more than 1000 trucks per day during operation.   |                  |  |
| 2.     | The road route proposed for phase II has been slightly modified from that in phase-I. The Sarkadi village will now come to the west of the road. The old and new alignment is as shown in annexure 1 of report. The new alignment must be studied and adequate number of underpasses needs to be provided as suggested in EIA Report as well as Lion Conservation Plan.   | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition. |
| 3.     | During construction phase the movement of material would be through ship & road. The site manager informed that some material of proposed extension (including old one as it is not yet constructed) is to be brought from local quarries. Therefore the road construction with underpasses is must beforehand so that wildlife conflict is minimal. The traffic management plan as proposed in report is necessary.  | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition. |
| 4.     | The Pipavav Port the lion death due to accident was mainly due to blockage in natural lines. The same should not happen here so elevated section and green belt must be implemented as per recommendations. However, the road construction is being done by R&B department of Government of Gujarat who may not be aware of the conditions. There are no underpasses in section from NH8E to Bawana Pipaliva. SPPL may be asked to ensure that the underpasses are constructed. | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition. |
| 5.     | During construction phase the   | Will be          | Please refer <b>Annexure 2</b> , wherein   |

| S. No. | Recommendation  | Status           | Status of Compliance  |
|--------|---|------------------|---|
|        | movement of material would be through ship & road. Even though the report & letter gives priority to ship load of material the site manager informed that some material of proposed extension (including old one as it is not yet constructed) is to be brought from local quarries. Therefore the road work with underpasses are necessary so that wildlife conflict is minimal. The traffic management plan as proposed in report is necessary.   | complied         | Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.   |
| 6.     | During operational phase the transport LNG and coal is through rails, trucks and LNG pipelines. If the new LPG terminal is proposed then before it gets connected to pipeline may be re-gasified in cylinders and then transported. It may be suggested that the bottling plant should be near the Town to minimize additional truck traffic. It may be recommended that the bottling plant may be outside this area and may be connected through pipe line. The idea of connecting the supply with GSPL grid may be preferred over truck transportation. | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.<br><br>During operation phase, RLNG supply will be through pipeline connecting to GSPL Gas Grid. |
| 7.     | During operational phase the EIA report suggests that there will be uncontrolled commercial growth that may impact agriculture activities. The report suggests that planning authorities of the region have to come with development strategy to regulate the land use change in the vicinity of LNG terminal. (EIA Report, section 4.4.3 in Page 4.24). As land use change will also affect lion and its conflict, this may be added in the recommendation.  | -                | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.  |
| 8.     | The labour camp during the construction phase would generate significant sewage lad (EIA Report section7.4 page xix).   | Complied         | Community toilet facilities for labor camp including all other safety measures have been established  |

| S. No. | Recommendation   | Status           | Status of Compliance   |
|--------|--|------------------|--|
|        | It may be recommended that the community toilets and safety of labourers from wildlife is ensured.   |                  | Photographs are given in <b>Annexure 17</b>  |
| 9.     | The underpasses of adequate number may be provided for proposed rail connectivity (Draft EIA Report fig 2.4 page 2.19) based on study of experts to avoid incidence similar to Pipavav Port.                             | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.   |
| 10.    | The 100m green belt may be clarified to be outside hard boundary, but within land acquired by SPPL. The plantation may be done by Forest Department and maintenance will be done by SPPL as suggested in recommendation. | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.<br><br>PCCF has responded to the SPPL Letter no. SPPL/Chhara/80/2019. PCCF Letter is attached as <b>Annexure 2B</b> .<br><br>SPPL has requested forest department for planning and undertaking work of green belt development. Forest dept. has asked for some data, SPPL is in the process of submitting the required information to Forest Department. Submission is delayed due to Covid pandemic and same will be taken up on priority post resumption. |
| 11.    | It may be added to recommendations that SPPL should earmark appropriate fund for the cause of conservation of lion and conflict management with "Lion Conservation Society" on annual basis.                             | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.   |
| 12.    | A Marine Conservation center may be developed at Chhara with objective of education and awareness on conservation.   | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.   |
| 13.    | The SPPL may earmark annual fund to carry out activities mentioned in report.  | Will be complied | Please refer <b>Annexure 2</b> , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.   |

**ANNEXURE 2: M/s. SIMAR PORT PVT. LTD. (SPPL) HAS GIVEN ITS COMMENTS REGARDING COMPLIANCE OF THE EC CONDITION**

1

Date: 25<sup>th</sup> November 2021

Ref: SPPL/HPCL-LNG/40/2021

To,

**Mr. K.S.Rao**  
Chief Executive Officer  
HPCL LNG Ltd  
Forbes Building, 3<sup>rd</sup> Floor, West Wing,  
Charanjit Rai Marg, Fort  
Mumbai-400001

**Sub:** HPLNG EC Compliance, SPPL commitments

Dear Sir,

In regards to HSEPL EC compliance, please find attached list of points that are related to Simar Port Private Limited and our comments on compliance of same.

| S. No. | Action Point   | SPPL Comment   |
|--------|--|--|
| I      | <b>Compliance under Letter No. F. No. 11-01/2014-IA-III dated 5th March, 2019 - Environmental and CRZ Clearance from the Ministry of Environment, Forest and Climate Change, Government of India, for development of LNG storage and re-gasification terminal at village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat</b>   |  |
| 1)     | S. No. (v) - Shoreline should not be disturbed due to any activity. Periodical study on shoreline changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six-monthly monitoring report.  | Will be complied in Operation Phase.<br><br>Shoreline will not be disturbed due to any activity. Periodical monitoring of shoreline changes will be carried out after commissioning of the port and mitigation measures, if required, will be planned and implemented.   |
| 2)     | S. No. (vii) - Based on the Comprehensive Marine EIA study done by National Institute of Oceanography (NIO) as submitted with EIA/EMP report, a detailed marine biodiversity management plan shall be prepared on marine, brackish water and freshwater ecology and biodiversity and implemented. The report shall be based on a study of the impact of the project activities on the intertidal biotopes, corals and coral communities, molluscs, sea grasses, sea weeds, subtidal habitats, fishes, other marine and aquatic micro, macro and mega flora and fauna including benthos, plankton, turtles, birds etc. as also the productivity. The data | Complied.<br><br>Comprehensive Marine EIA report by NIO is based on study of the impact of the project activities on the intertidal biotopes, corals and coral communities, molluscs, sea grasses, sea weeds, subtidal habitats, fishes, other marine and aquatic micro, macro and mega flora and fauna including benthos, plankton, turtles, birds etc. as also the productivity. The data collection and impact assessment are as per standards survey methods. Whales and turtles and the impact of oil spills on |

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**Regd. Office:** Venus Amadeus, 301-305, 3rd Floor, Jodhpur Cross Road,  
Satellite, Ahmedabad - 380 015, Gujarat.



| S. No. | Action Point  | SPPL Comment  |
|--------|---|---|
|        | collection and impact assessment shall be as per standards survey methods. It will also address to the whales and turtles and the impact of oil spills on the complete spectrum of marine biology.  | the complete spectrum of marine biology is also covered.<br><br>SPPL will implement Mitigation measures/EMP as recommended by NIO in March 2015 as per chapter 7 of EIA report  |
| 3)     | S. No. (viii) - Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components as part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity. | Will be complied in operation phase.<br><br>SPPL will monitor marine ecology on regular basis during operation phase.   |
| 4)     | S. No. (xi) - The project proponents will draw up and implement an action plan to watch the interest of the fishing communities, apprehensive of adverse impacts, particularly fisherman communities in the villages of Dhamleg, Muldwara, Chhara, Madhwad, Kotrada and Velna.  | Will be complied in Operation Phase.<br><br>During operation phase, SPPL will adhere to guidelines of MoEF&CC OM dated 1 <sup>st</sup> May 2018, will carry out CSR activities as per in compliance with Section 135 of the Companies Act 2013 to help the fishing community of the area. |
| 5)     | S. No. (xii) - Ship movements shall be so regulated that the mangroves of the Madhwad creek, reported to be 7 Kms away from the project site are not adversely affected.  | Will be complied in Operation Phase.<br><br>Ship movement during the operation phase of the project will be carried out only in the approved channel which will not impact mangroves of Madhwad creek at 7 km away from the project site.   |
| 6)     | S. No. (xvi) - The commitments made during the Public Hearing and recorded in the Minutes shall be complied with letter and spirit. A hard copy of the action taken shall be submitted to the Ministry.   | Complied.<br>Extract of the table on commitments made during Public Hearing and actions taken was submitted vide EC Compliance report of SPPL for the period April 2019 – September 2019.   |
| II     | <b>Compliance under Letter No. ENV-10-2016-50-E (T Cell) dated 2<sup>nd</sup> February 2017 – CRZ Clearance from Forest &amp; Environment department, Govt. of Gujarat, for development of LNG storage and re-gasification terminal at village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat</b>  |   |
| 7)     | S. No. 1 - The provisions of the CRZ Notification of 2011 shall be strictly adhered to by M/s SPL. No activity in contradiction to the provisions of the CRZ Notification shall be carried out by M/s HPCL LNG Ltd  | SPPL ensures that CRZ Notification is strictly adhered to.  |

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| S. No. | Action Point   | SPPL Comment  |
|--------|--|---|
| 8)     | S. No. 2 - The HPCL LNG Ltd shall ensure that adequate numbers underpasses are provided in road construction to minimize the wildlife conflict and also traffic management plan shall be implemented as per report, in consultation with PCCF(WL) and allocate adequate fund for the same. | SPPL shall ensure that once alignment is finalised, underpass will be provided on approach road in consultation with Gujarat Forest and Wildlife Department.<br><br>A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019. Report is under discussion with Gujarat Forest Department.<br><br>SPPL is in discussion with forest department to provide the required data however it has been delayed due to pandemic. |
| 9)     | S. No. 3 - The HPCL LNG Ltd shall ensure that the over bridge is provided with adequate height with ground level. Wherever, it is not possible to provide underpasses to minimize the Wildlife conflict, in consultation with PCCF(WL) and allocate adequate fund for the same             | SPPL shall ensure that once alignment is finalised, underpass will be provided on approach road in consultation with Gujarat Forest and Wildlife Department.<br><br>A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019. Report is under discussion with Gujarat Forest Department. SPPL is in discussion with forest department to provide the required data however it has been delayed due to pandemic.        |
| 10)    | S. No. 4 - A Marine Conservation center way be developed at Chhara with objective of educating the people and creating awareness amongst the people for Wildlife conservation  | Will be complied in Operation Phase.<br><br>SPPL will plan the same during operation phase.   |
| 11)    | S. No. 5 - The HPCL LNG Ltd shall earmark appropriate fund for the cause of conservation of lion and conflict management, with "Lion Conservation Society" on annual basis.  | SPPL will earmark appropriate funds as per point no. 26. HPCL LNG Ltd to comply with this point.  |
| 12)    | S. No. 6 - 100 m green belt shall be developed by the HPCL LNG Ltd outside the hard boundary. i.e., after the footprint of layout of the plant, in consultation with Forests Department and maintenance will be done by HPCL LNG Ltd.  | Will be complied in Operation Phase.<br><br>SPPL will comply with the same. SPPL has requested forest department for planning and undertaking work of green belt development. Forest dept. has asked for some data, SPPL is in the process of submitting the required information to Forest Department. Submission is delayed due to Covid pandemic and same will be taken up on priority post resumption.  |



| S. No. | Action Point   | SPPL Comment   |
|--------|--|--|
| 13)    | S. No. 10 - Dredging disposal site may be examined to ensure that it does not adversely affect the region west to the proposed port, which is known for whale shark presence and it shall be based on the modeling study done by an agency of National repute  | Not applicable to period under review.<br><br>Dredging material will be disposed off only at approved disposal site by MoEF&CC.  |
| 14)    | S. No. 16 - M/s SPL shall prepare and regularly update their Local Oil Spill Contingency and Disaster Management Plan in consonance with the National Oil Spill and Disaster Contingency Plan and shall submit the same to this Department after having it vetted through the Indian Coast Guard   | Will be complied in Operation Phase.<br><br>SPPL will be prepare Local Oil Spill Contingency and Disaster Management Plan will be prepared 6 months before commencement of operations. It will be prepared in consonance with the National Oil Spill and Disaster Contingency Plan and shall be submitted to Indian Coast Guard/GMB for approval.  |
| 15)    | S. No. 19 - Massive greenbelt development program including the mangrove plantation in 50 ha. shall be carried out in consultation with the Gujarat Ecology Commission/ Forest Department by M/s HPCL LNG Ltd.   | Will be complied in Operation Phase.<br><br>SPPL will comply with the same. SPPL has requested forest department for planning and undertaking work of green belt development. Forest dept. has asked for some data, SPPL is in the process of submitting the required information to Forest Department. Submission is delayed due to Covid pandemic and same will be taken up on priority post resumption. |
| 16)    | S. No. 21 - A separate budget shall be earmarked for environmental management and socio-economic activities including the greenbelt/mangrove plantation and details thereof shall be furnished to this Department as well as the MoEF& CC, GOI. The details with respect to the expenditure from this budget head shall also be furnished alongwith the compliance report. | Will be complied in Operation Phase.<br><br>SPPL will carry out greenbelt development and mangrove plantation.   |
| III    | <b>Compliances under Letter No. WLP/32/A/1501-1504 /2016-17 dated 2nd December 2016 - Application for CRZ clearance for proposed extension of breakwater for development of greenfield port at Village Chhara, Taluka: Kodinar, District Gir-Somnath.</b>  |  |
| 17)    | S. No. 1 - The phase I of project envisaged 5 MTPA (million tonne per annum) of coal which is likely to generate vehicle 400 truck. While phase II envisages that the LNG terminal will be having capacity of 5MMTP A expandable upto 10 MMTP A and this will  | LNG will be evacuated majorly through pipeline and hence incremental vehicle movement due to LNG will be minimal.  |

| S. No. | Action Point   | SPPL Comment   |
|--------|--|--|
|        | generate significant traffic of more than 1000 trucks per day during operation.  |  |
| 18)    | S. No. 2 - The road route proposed for phase II has been slightly modified from that in phase-I. The Sarkadi village will now come to the west of the road. The old and new alignment is as shown in annexure I of report. The new alignment must be studied and adequate number of underpasses needs to be provided as suggested in EIA Report as well as Lion Conservation Plan.   | SPPL shall ensure that once alignment is finalised, underpass will be provided on approach road in consultation with Gujarat Forest and Wildlife Department.<br><br>A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019. Report is under discussion with Gujarat Forest Department. SPPL is in discussion with forest department to provide the required data however it has been delayed due to pandemic. |
| 19)    | S. No. 3 - During construction phase the movement of material would be through ship & road. The site manager informed that some material of proposed extension (including old one as it is not yet constructed) is to be brought from local quarries. Therefore, the road construction with underpasses is must beforehand so that wildlife conflict is minimal. The traffic management plan as proposed in report is necessary.   | Underpass will be provided on approach road in consultation with Gujarat Forest and Wildlife Department.<br><br>A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019. Report is under discussion with Gujarat Forest Department.  |
| 20)    | S. No. 4 - The Pipavav Port the lion death due to accident was mainly due to blockage in natural lines. The same should not happen here so elevated section and green belt must be implemented as per recommendations. However, the road construction is being done by R&B department of Government of Gujarat who may not be aware of the conditions. There are no underpasses in section from NH8E to Bawana Pipaliva. SPPL may be asked to ensure that the underpasses are constructed. | Underpass will be provided on approach road in consultation with Gujarat Forest and Wildlife Department.<br><br>A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019. Report is under discussion with Gujarat Forest Department.  |
| 21)    | S. No. 5 - During construction phase the movement of material would be through ship & road. Even though the report & letter gives priority to ship load of material the site manager informed that some material of proposed extension (including old one as it is not yet constructed) is to be brought from local quarries. Therefore, the road work with underpasses are necessary so that wildlife   | Underpass will be provided on approach road in consultation with Gujarat Forest and Wildlife Department.<br><br>A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019. Report is under discussion with Gujarat Forest Department.  |

**Simar Port Private Limited**  
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| S. No. | Action Point   | SPPL Comment   |
|--------|--|--|
|        | conflict is minimal. The traffic management plan as proposed in report is necessary.   |  |
| 22)    | S. No. 6 - During operational phase the transport LNG and coal is through rails, trucks and LNG pipelines. If the new LPG terminal is proposed, then before it gets connected to pipeline may be re-gasified in cylinders and then transported. It may be suggested that the bottling plant should be near the Town to minimize additional truck traffic. It may be recommended that the bottling plant may be outside this area and may be connected through pipeline. The idea of connecting the supply with GSPL grid may be preferred over truck transportation. | Will be complied in Operation Phase.<br><br>SPPL shall ensure that the same will be complied with.   |
| 23)    | S. No. 7 - During operational phase the EIA report suggests that there will be uncontrolled commercial growth that may impact agriculture activities. The report suggests that planning authorities of the region have to come with development strategy to regulate the land use change in the vicinity of LNG terminal. (EIA Report, section 4.4.3 in Page 4.24). As land use change will also affect lion and its conflict, this may be added in the recommendation.  | This recommendation was addressed to Additional Chief Secretary, Forest and Environment Department, Gov. of Gujarat.<br><br>No action is required by SPPL.   |
| 24)    | S. No. 9 - The underpasses of adequate number may be provided for proposed rail connectivity (Draft EIA Report fig 2.4 page 2.19) based on study of experts to avoid incidence similar to Pipavav Port.  | Not applicable to period under review.<br><br>SPPL is not envisaging rail connectivity during Phase I. Feasibility of rail connectivity is being assessed by concerned Government departments.   |
| 25)    | S. No. 10- The 100 m green belt may be clarified to be outside hard boundary, but within land acquired by SPPL. The plantation may be done by Forest Department and the maintenance will be done by SPPL as suggested in recommendation.   | Will be complied in Operation Phase.<br><br>SPPL will comply with the same. SPPL has requested forest department for planning and undertaking work of green belt development. Forest dept. has asked for some data, SPPL is in the process of submitting the required information to Forest Department. Submission is delayed due to Covid pandemic and same will be taken up on priority post resumption. |
| 26)    | S. No. 11 - It may be added to recommendations that SPPL should earmark appropriate fund for the cause of conservation of lion and conflict  | Will be complied in Operation Phase.<br><br>SPPL will earmark appropriate funds as per approved Lion Conservation Plan.  |

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7

| S. No. | Action Point   | SPPL Comment  |
|--------|--|---|
|        | management with "Lion Conservation Society" on annual basis.   |   |
| 27)    | S. No. 12 - A Marine Conservation center may be developed at Chhara with objective of education and awareness on conservation. | Will be complied in Operation Phase.<br>SPPL will plan the same during operation phase. |
| 28)    | S. No. 13 - The SPPL may earmark annual fund to carry out activities mentioned in report.                                      | SPPL will comply  |

Regards

For Simar Port Pvt. Ltd



Authorized Signatory

**Simar Port Private Limited**  
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**Annexure 2A: Annexure 1 of SPPL Compliance report - Letter to Forest department for preparing a plan for development of Greenbelt**

Ref. No. SPPL/Chhara/80/2019

November 15, 2019

Capt. Nitin Bondre  
CEO Ports and Terminals

Dr. Dinesh Kumar Sharma, IFS  
Principal Chief Conservator of Forest & Head of Forest Force  
"Aranya Bhavan", Near CH-3 Circle,  
Sector-10 A, Gandhinagar - 382010  
Email - [pccf-forest@gujarat.gov.in](mailto:pccf-forest@gujarat.gov.in)

**Sub -** Development of Green Belt Around the Proposed Port Site at Chhara-Sarkhadi by M/S Simar Port Pvt Ltd  
**Ref -** Meeting with Capt Bondre, Dr. Vijay Kulkarni and Shri K D Mahida

Sir,

We are developing all weather, multi-cargo, multi-purpose, deep draft greenfield port near Chhara Village, Kodinar Taluka, Gir-Somnath district, Gujarat. We have planned port development in phases. Ministry of Environment, Forests, and Climate Change (MOEFCC) granted environmental and CRZ clearance for Phase I development in January 2014 and for Phase II development in March 2019. A brief note on the background is enclosed to this letter.

In keeping with directions of MOEFCC vide above referred EC letters we plan to develop 100 m wide green belt all along port boundary through Gujarat Forest Department. We plan to commission the proposed port by March 2022. We plan to procure about 1000 acres of land for the port and allot about 100 acres land for green belt. Land procurement progressing well and we plan to complete the same by March 2020.

We wish to submit that there will not be any major source of air pollution in the proposed development and the purpose of green belt is ensuring that change in landscape is in harmony with the surrounding area.

We request you to kindly advise the experts in Forest department to develop techno-commercial proposal for green belt which will be an example for environment friendly development for similar projects.

We have office in Kodinar and my colleagues will be always available to work with Forest Team.

Thanking you.

For Simar Port Pvt Ltd.

  
Capt. Nitin Bondre  
CEO - Ports & Terminals



Simar Port Private Limited

Corporate Identification No. U35110GJ2008PTC054507

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INFRA



**Annexure 2B: Annexure 2 of SPPL Compliance report - Letter from Forest department for further process tp preparing a plan for development of Greenbelt**

|   |  |
|---|--|
| <p><i>By Email</i></p>  | <p>No. C/Land/T-13/<i>3941-42</i><br/>/2019-20<br/>Office of The Deputy Conservator of Forests<br/>Gir West Division Sardarbag Campus<br/>Junagadh-362001.<br/>Ph.-0285-2631044<br/>E-mail-dcf. gir.west@gmail.com.<br/>Date: <i>27</i>/01/2020.</p> |
| <p><b>To,</b><br/>The Chief Executive Officer [Ports &amp; Terminals],<br/>Simar Port Private Limited,<br/>SP Centre, 41/44, Minoo-Desai Marg,<br/>Colaba, Mumbai-400005.</p>   |  |
| <p><b>Subj:-</b> Development of Green Belt Around the Proposed Port Site at Chhara-Sarakhadi by<br/>M/s.Simar Port Pvt. Ltd.</p>  |  |
| <p><b>Ref:-</b> [1] Your Office letter No. SPPL/Chhara/80/2019 dt. 15/11/2019.<br/>[2] C.C.F.W.L.C.O.Junagadh letter No jmn/t-14/b/8411 dt. 18/01/2020</p>  |  |
| <p>With reference to the above cited subject and references seeking advice of the Forest department to develop Green Belt. The Gir West Division may advise and help in developing the green belt and the details of the association and role may be discussed further. However, in this regard, kindly provide following details needed to understand the work area.</p> <p>[1] Color Index map of 1000 acres of project land. [Scale 1: 50,000]<br/>[2] Prepared Lay-out plan of 1000 acres of land . [Scale 1: 50 Mt]<br/>[3] Maps showing the G.P.S. and Survey Number and details of the proposed green belt to be developed. [Scale 1: 40 Mt]<br/>[4] Soft copy of the above all maps [KML File].</p> |  |
| <p>The details of mentioned above are needed for understanding the site and viable plantation models. Please contact this office for further clarification.</p>   |  |
| <p>c.c.to The Chief Conservator of Forests<br/>Wildlife Circle Junagadh<br/>-For information please.</p>  | <p><br/>Deputy Conservator of Forests<br/>Gir West Division Junagadh</p>  |
| <p>D:\PENDRIVE BACKUP\M S Simar Port Green be 2020.docx 1</p>   |  |

**ANNEXURE 3: AMBIENT AIR QUALITY MONITORING, WATER AND NOISE MONITORING  
RESULTS FOR HPLNG SITE DONE BY M/S. EXCEL ENVIRO TECH, AHMEDABAD**



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**TEST REPORT**

|   |             |               |
|---|-------------|---------------|
| <b>Customer's Name and Address</b><br>M/s. Afcons Infrastructure Limited.<br>Project Site- LNG Storage Tank at Chhara LNG<br>Terminal,<br>Kodinar, Dist: Gir Somnath-362720 | REPORT NO.  | F/LID/03      |
|   | REPORT DATE | 07/07/2021    |
|   | REPORT NO.  | EET/202106545 |

|                              |   |                              |                        |
|------------------------------|---|------------------------------|------------------------|
| Description of sample        | Water Sample  | Lab ID Code& Sample Location | WE/06/545 Ground Water |
| Depth of water Level         | 4 meter 45 Centimeter   | Sampling time                | 11:30 to 12:00         |
| Date of sampling             | 25/06/2021  | Sampling method              | Grab                   |
| Sample collected by          | Field Chemist   | Packing/seal                 | Satisfactory           |
| Quantity and no. of sample/s | 2 liters pH <2 H <sub>2</sub> SO <sub>4</sub> (1 No.)<br>5 liters 4°C | Date of starting of test     | 28/06/2021             |
|                              |   | Date of completion of test   | 06/07/2021             |

**Result table**

| Sr. No. | Parameters                          | Unit  | Requirement (Acceptance Limit) | Permissible Limit In The Absence Of Alternate Source | Result Ground Water | Method of Test            |
|---------|-------------------------------------|-------|--------------------------------|--|---------------------|---------------------------|
| 1.      | pH                                  | --    | 6.5-8.5                        | No Relaxation  | 7.61                | IS 3025 (part-11) – 1983  |
| 2.      | Colour (pt. co. scale) in units     | Hazen | Max 5                          | Max 15   | Nil                 | IS 3025 (part-4) – 1983   |
| 3.      | Odour                               | mg/l  | Agreeable                      | Agreeable  | Unobjectionable     | IS 3025 (part-5) – 1983   |
| 4.      | Taste                               | mg/l  | Agreeable                      | Agreeable  | Agreeable           | IS 3025 (part-7&8) – 1984 |
| 5.      | Turbidity in NTU                    | NTU   | Max 1.0                        | Max 5.0  | 1.8                 | IS 3025 (part-10) – 1984  |
| 6.      | Total Dissolved Solids              | mg/l  | Max 500                        | Max 2000   | 2110.0              | IS 3025 (part-16) – 2002  |
| 7.      | Suspended Solids                    | mg/l  | Max 1                          | Max 200  | 12.6                | IS 3025 (Part 17):1984    |
| 8.      | Total Hardness as CaCO <sub>3</sub> | mg/l  | Max 200                        | Max 600  | 504.0               | IS 3025 (part-21) – 1983  |
| 9.      | Calcium as Ca                       | mg/l  | Max 75                         | Max 200  | 107.41              | IS 3025 (part-40) – 1991  |
| 10.     | Magnesium as Mg                     | mg/l  | Max 30                         | Max 100  | 57.35               | IS 3025 (part-46) – 1994  |
| 11.     | Chloride                            | mg/l  | Max 250                        | Max 1000   | 962.6               | IS 3025 (part-32) – 1988  |
| 12.     | Sulphate                            | mg/l  | Max 200                        | Max 400  | 265.0               | IS 3025 (part-24) – 1986  |
| 13.     | Fluoride                            | mg/l  | Max 1.0                        | Max 1.5  | 0.58                | IS 3025 (part-60) – 2008  |
| 14.     | Total Alkalinity                    | mg/l  | Max 200                        | Max 600  | 198.4               | IS 3025 (part-23) – 1986  |
| 15.     | Iron as Fe                          | mg/l  | Max 0.3                        | No Relaxation  | 1.15                | IS 3025 (part-53) – 2003  |
| 16.     | Residual free chlorine              | mg/l  | Min 0.2                        | Max 1.0  | Absent              | IS 3025 (part-26) – 1986  |
| 17.     | Copper as cu                        | mg/l  | Max 0.05                       | Max 1.5  | Absent              | IS 3025 (part-42) – 1992  |
| 18.     | Manganese as Mn                     | mg/l  | Max 0.1                        | Max 0.3  | Absent              | IS 3025 (part-59) – 2006  |
| 19.     | Nitrates                            | mg/l  | Max 45.0                       | No Relaxation  | 9.16                | IS 3025 (part-34) – 1988  |
| 20.     | Phenolic Compound                   | mg/l  | Max 0.001                      | Max 0.002  | Absent              | IS 3025 (part-43) – 1992  |
| 21.     | Mercury as Hg                       | mg/l  | Max 0.001                      | No Relaxation  | Absent              | IS 3025 (part-48) – 1994  |
| 22.     | Cadmium as Cd                       | mg/l  | Max 0.003                      | No Relaxation  | Absent              | IS 3025 (part-41) – 1992  |
| 23.     | Selenium as Se                      | mg/l  | Max 0.01                       | No Relaxation  | Absent              | IS 3025 (part-53) – 2003  |

-----End of The Test Report----- Page 1 of 1





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| Sr. No. | Parameters                        | Unit       | Requirement (Acceptance Limit) | Permissible Limit In The Advance Of Alternate Source | Result            | Method of Test                |
|---------|-----------------------------------|------------|--------------------------------|--|-------------------|-------------------------------|
| 24.     | Arsenic as As                     | mg/l       | Max 0.01                       | Max 0.05   | Absent            | IS 3025 (part-37) – 1988      |
| 25.     | Cyanide as CN                     | mg/l       | Max 0.05                       | No Relaxation  | Absent            | IS 3025 (part-27) – 1986      |
| 26.     | Lead as Pb                        | mg/l       | Max 0.01                       | No Relaxation  | Absent            | IS 3025 (part-47) – 1994      |
| 27.     | Zinc as Zn                        | mg/l       | Max 5.0                        | Max 15.0   | 0.64              | IS 3025 (part-49) – 1994      |
| 28.     | Anionic detergents (As MBAS)      | mg/l       | Max 0.02                       | Max 1.0  | Absent            | Ann-K of IS:13428:2005        |
| 29.     | Chromium as Cr <sup>+6</sup>      | mg/l       | Max 0.05                       | No Relaxation  | Absent            | IS 3025 (part-53) – 2003      |
| 30.     | Polynuclear aromatic hydrocarbons | mg/l       | Max 0.0001                     | No Relaxation  | Absent            | APHA 6440                     |
| 31.     | Mineral oil                       | mg/l       | Max 0.5                        | No Relaxation  | Absent            | IS 3025 (part-39) – 1991      |
| 32.     | Pesticides                        | mg/l       | Max 1                          | No Relaxation  | Absent            | AOAC 990.06                   |
| 33.     | Aluminum as Al                    | mg/l       | Max 0.03                       | Max 0.2  | Absent            | IS 3025 (part-55) – 2003      |
| 34.     | Boron                             | mg/l       | Max 0.5                        | Max 1.0  | 0.25              | IS 3025 (part-57) – 2005      |
| 35.     | Ammonia                           | mg/l       | Max 0.5                        | No Relaxation  | N.D.(D.L.=0.01)   | IS 3025 (part-37) – 1988      |
| 36.     | Barium (as Ba)                    | mg/l       | Max 0.7                        | No Relaxation  | N.D.(D.L.=0.5)    | Anx-F of IS: 13428:2005       |
| 37.     | Chloramines (as Cl <sub>2</sub> ) | mg/l       | Max 4                          | No Relaxation  | N.D.(D.L.=0.5)    | IS 3025 (part-26) – 1986      |
| 38.     | Silver (as Ag)                    | mg/l       | Max 0.1                        | No Relaxation  | N.D.(D.L.=0.005)  | Anx-J of IS:13428:2005        |
| 39.     | Sulphide (as H <sub>2</sub> S)    | mg/l       | Max 0.05                       | No Relaxation  | N.D.(D.L.=0.01)   | IS 3025 (part-29) – 2003      |
| 40.     | Molybdenum (as Mo)                | mg/l       | Max 0.07                       | No Relaxation  | N.D.(D.L.=0.03)   | IS 3025 (part-2) – 1994       |
| 41.     | Nickel (as Ni)                    | mg/l       | Max 0.02                       | No Relaxation  | N.D.(D.L.=0.01)   | IS 3025 (part-54) – 2003      |
| 42.     | Poly chlorinated biphenyls (PCB)  | mg/l       | Max 0.0005                     | No Relaxation  | N.D.(D.L.=0.0001) | APHA 6440                     |
| 43.     | Total Coliform Bacteria           | MPN/100 ml | 10/100 mL                      | 10/100 mL  | Absent            | IS:1622-1981 reaffirmed: 2003 |
| 44.     | E. Coliform Bacteria              | MPN/100 ml | 10/100 mL                      | 10/100 mL  | Absent            | IS:1622-1981 reaffirmed: 2003 |
| 45.     | Pseudomonas                       | MPN/100 ml | 10/100 mL                      | 10/100 mL  | Absent            | IS:13428-Annx-D: 2005         |
| 46.     | Salmonella                        | MPN/100 ml | 10/100 mL                      | 10/100 mL  | Absent            | IS:15187-2002                 |

Note : N.D. : Not Detected , D.L : Detection Limit

|   |                             |
|---|-----------------------------|
|   |                             |
| <b>Analyzed by</b>                          | <b>Authorized Signatory</b> |
| Source of Prescribed Norms: as per IS 10500 | Field remark:               |

-----End of The Test Report----- Page 1 of 1



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### TEST REPORT

|   |   |
|---|---|
| <b>Customer's Name and Address</b><br>M/s. Afcons Infrastructure Limited.<br>Project Site- LNG Storage Tank at Chhara LNG<br>Terminal,<br>Kodinar, Dist: Gir Somnath-362720 | FORMAT NO. F/LID/54<br>REPORT DATE 07/07/2021<br>REPORT NO. EET/202106546 |
|---|---|

|                       |                             |                            |                   |
|-----------------------|-----------------------------|----------------------------|-------------------|
| Description of sample | Ambient Air Quality         | Lab ID Code                | AQ/06/546         |
| Date of sampling      | 25/06/2021 to<br>26/06/2021 | Sampling time              | 10:00 to 10:00    |
| Sample collected by   | Field Chemist               | Sampling method            | Standard practice |
| Packing/seal          | Satisfactory                | Date of starting of test   | 28/06/2021        |
|                       |                             | Date of completion of test | 29/06/2021        |

### RESULT TABLE

|                          |                         |                         |  |
|--------------------------|-------------------------|-------------------------|--|
| Sampling location        | Near Batching Plant     |                         |  |
| Environmental Conditions |                         |                         |  |
| Temperature              | Max:38.0 <sup>0</sup> C | Min:21.6 <sup>0</sup> C |  |
| Humidity, %              | Max:70                  | Min:58                  |  |

| Sr | Parameter                                 | Unit              | Test method                 | Result | Prescribe Norms |
|----|---|-------------------|-----------------------------|--------|-----------------|
| 1  | Particulate Matter-2.5, PM <sub>2.5</sub> | µg/m <sup>3</sup> | Gravimetric Method          | 45.18  | 60              |
| 2  | Particulate Matter-10, PM <sub>10</sub>   | µg/m <sup>3</sup> | IS 5182 (Part - 23) -- 2016 | 78.52  | 100             |
| 3  | SO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 2) - 2001   | 17.34  | 80              |
| 4  | NO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 6) - 1975   | 26.08  | 80              |
| 5  | Carbon Monoxide                           | mg/m <sup>3</sup> | IS 5182 (Part -10) - 1999   | 0.3    | 4.0             |
| 6  | Arsenic                                   | ng/m <sup>3</sup> | AAS/ICP Method              | Nil    | 06              |
| 7  | Nickel                                    | ng/m <sup>3</sup> | AAS/ICP Method              | Nil    | 20              |
| 8  | Lead                                      | µg/m <sup>3</sup> | AAS/ICP Method              | Nil    | 1.0             |

|  |                             |
|--|-----------------------------|
|  |                             |
| <b>Analyzed by</b>                                       | <b>Authorized Signatory</b> |
| Source of Prescribed Norms: National Ambient air Quality | Field remark:               |

-----End of The Test Report----- Page 1 of 1



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### TEST REPORT

|   |   |
|---|---|
| <b>Customer's Name and Address</b><br>M/s. Afcons Infrastructure Limited.<br>Project Site- LNG Storage Tank at Chhara LNG<br>Terminal,<br>Kodinar, Dist: Gir Somnath-362720 | FORMAT NO. F/LID/54<br>REPORT DATE 07/07/2021<br>REPORT NO. EET/202106547 |
|---|---|

|                       |                             |                            |                   |
|-----------------------|-----------------------------|----------------------------|-------------------|
| Description of sample | Ambient Air Quality         | Lab ID Code                | AQ/06/547         |
| Date of sampling      | 25/06/2021 to<br>26/05/2021 | Sampling time              | 10:30 to 10:30    |
| Sample collected by   | Field Chemist               | Sampling method            | Standard practice |
| Packing/seal          | Satisfactory                | Date of starting of test   | 28/06/2021        |
|                       |                             | Date of completion of test | 29/06/2021        |

### RESULT TABLE

|                          |                             |                         |  |
|--------------------------|-----------------------------|-------------------------|--|
| Sampling location        | Centre of Between Two Tanks |                         |  |
| Environmental Conditions |                             |                         |  |
| Temperature              | Max:38.0 <sup>0</sup> C     | Min:21.6 <sup>0</sup> C |  |
| Humidity, %              | Max:70                      | Min:58                  |  |

| Sr | Parameter                                 | Unit              | Test method                | Result | Prescribe Norms |
|----|---|-------------------|----------------------------|--------|-----------------|
| 1  | Particulate Matter-2.5, PM <sub>2.5</sub> | µg/m <sup>3</sup> | Gravimetric Method         | 53.41  | 60              |
| 2  | Particulate Matter-10, PM <sub>10</sub>   | µg/m <sup>3</sup> | IS 5182 (Part - 23) - 2016 | 88.10  | 100             |
| 3  | SO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 2) - 2001  | 14.55  | 80              |
| 4  | NO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 6) - 1975  | 25.32  | 80              |
| 5  | Carbon Monoxide                           | mg/m <sup>3</sup> | IS 5182 (Part -10) - 1999  | 0.3    | 4.0             |
| 6  | Arsenic                                   | ng/m <sup>3</sup> | AAS/ICP Method             | Nil    | 06              |
| 7  | Nickel                                    | ng/m <sup>3</sup> | AAS/ICP Method             | Nil    | 20              |
| 8  | Lead                                      | µg/m <sup>3</sup> | AAS/ICP Method             | Nil    | 1.0             |

|  |                             |
|--|-----------------------------|
|  |                             |
| <b>Analyzed by</b>                                       | <b>Authorized Signatory</b> |
| Source of Prescribed Norms: National Ambient air Quality | Field remark:               |

-----End of The Test Report----- Page 1 of 1



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### TEST REPORT

**Customer's Name and Address**  
M/s. Afcons Infrastructure Limited.  
Project Site- LNG Storage Tank at Chhara LNG  
Terminal,  
Kodinar, Dist: Gir Somnath-362720

|             |               |
|-------------|---------------|
| FORMAT NO.  | F/LID/55      |
| REPORT DATE | 07/07/2021    |
| REPORT NO.  | EET/202106548 |

|                       |                        |                 |                        |
|-----------------------|------------------------|-----------------|------------------------|
| Description of sample | Noise level Monitoring | Lab ID Code     | NM/06/548              |
| Date of sampling      | 25/06/2021             | Sampling method | IS 9989 – 1981 RA 2001 |
| Sample collected by   | Field Chemist          |                 |                        |

### RESULT TABLE

| Sr | SAMPLING LOCATION           | Unit   | Result                     |                              |
|----|-----------------------------|--------|----------------------------|------------------------------|
|    |                             |        | Day Time<br>(6 AM – 10 PM) | Night Time<br>(10 PM – 6 AM) |
| 1. | Near Batching plant         | dB (A) | 71.4                       | 68.4                         |
| 2. | Centre of between two tanks | dB (A) | 70.5                       | 67.2                         |

**Note :** Day Time Norms 75 dB(A)  
Night Time Norms 70 dB(A)

|  |                             |
|--|-----------------------------|
|  |                             |
| <b>Analyzed by</b>                         | <b>Authorized Signatory</b> |
| Source of Prescribed Norms: Standard Norms | Field remark:               |

-----End of The Test Report----- Page 1 of 1



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### TEST REPORT

**Customer's Name and Address**  
M/s. Afcons Infrastructure Limited.  
Project Site- LNG Storage Tank at Chhara LNG  
Terminal,  
Kodinar, Dist: Gir Somnath-362720


|             |               |
|-------------|---------------|
| FORMAT NO.  | F/LID/54      |
| REPORT DATE | 25/08/2021    |
| REPORT NO.  | EET/202108772 |

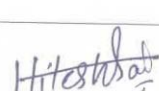
|                       |                             |                            |                   |
|-----------------------|-----------------------------|----------------------------|-------------------|
| Description of sample | Ambient Air Quality         | Lab ID Code                | AQ/08/772         |
| Date of sampling      | 18/08/2021 to<br>19/08/2021 | Sampling time              | 10:20 to 10:20    |
| Sample collected by   | Field Chemist               | Sampling method            | Standard practice |
| Packing/seal          | Satisfactory                | Date of starting of test   | 20/08/2021        |
|                       |                             | Date of completion of test | 21/08/2021        |

### RESULT TABLE

|                          |                       |
|--------------------------|-----------------------|
| Sampling location        | Near Batching Plant   |
| Environmental Conditions |                       |
| Temperature              | Max:41.8°C Min:26.8°C |
| Humidity, %              | Max:65 Min:51         |

| Sr | Parameter                                 | Unit              | Test method                 | Result | Prescribe Norms |
|----|---|-------------------|-----------------------------|--------|-----------------|
| 1  | Particulate Matter-2.5, PM <sub>2.5</sub> | µg/m <sup>3</sup> | Gravimetric Method          | 43.68  | 60              |
| 2  | Particulate Matter-10, PM <sub>10</sub>   | µg/m <sup>3</sup> | IS 5182 (Part - 23) -- 2016 | 85.78  | 100             |
| 3  | SO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 2) - 2001   | 12.14  | 80              |
| 4  | NO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 6) - 1975   | 26.97  | 80              |
| 5  | Carbon Monoxide                           | mg/m <sup>3</sup> | IS 5182 (Part - 10) - 1999  | 0.5    | 4.0             |
| 6  | Arsenic                                   | ng/m <sup>3</sup> | AAS/ICP Method              | Nil    | 06              |
| 7  | Nickel                                    | ng/m <sup>3</sup> | AAS/ICP Method              | Nil    | 20              |
| 8  | Lead                                      | µg/m <sup>3</sup> | AAS/ICP Method              | Nil    | 1.0             |





**Analyzed by**

Source of Prescribed Norms: National Ambient air Quality

**Field remark:**

Subject to Ahmedabad Jurisdiction

**Authorized Signatory**





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## TEST REPORT

## Customer's Name and Address

M/s. Afcons Infrastructure Limited.  
Project Site- LNG Storage Tank at Chhara LNG  
Terminal,  
Kodinar, Dist: Gir Somnath-362720

|             |               |
|-------------|---------------|
| FORMAT NO.  | F/LID/54      |
| REPORT DATE | 25/08/2021    |
| REPORT NO.  | EET/202108773 |

|                       |                             |                            |                   |
|-----------------------|-----------------------------|----------------------------|-------------------|
| Description of sample | Ambient Air Quality         | Lab ID Code                | AQ/08/773         |
| Date of sampling      | 18/08/2021 to<br>19/08/2021 | Sampling time              | 10:40 to 10:40    |
| Sample collected by   | Field Chemist               | Sampling method            | Standard practice |
| Packing/seal          | Satisfactory                | Date of starting of test   | 20/08/2021        |
|                       |                             | Date of completion of test | 21/08/2021        |

## RESULT TABLE

|                          |                             |
|--------------------------|-----------------------------|
| Sampling location        | Centre of Between Two Tanks |
| Environmental Conditions |                             |
| Temperature              | Max:41.8°C Min:26.8°C       |
| Humidity, %              | Max:65 Min:51               |

| Sr | Parameter                                 | Unit              | Test method                | Result | Prescribe Norms |
|----|---|-------------------|----------------------------|--------|-----------------|
| 1  | Particulate Matter-2.5, PM <sub>2.5</sub> | µg/m <sup>3</sup> | Gravimetric Method         | 48.74  | 60              |
| 2  | Particulate Matter-10, PM <sub>10</sub>   | µg/m <sup>3</sup> | IS 5182 (Part - 23) - 2016 | 89.35  | 100             |
| 3  | SO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 2) - 2001  | 16.24  | 80              |
| 4  | NO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 6) - 1975  | 31.47  | 80              |
| 5  | Carbon Monoxide                           | mg/m <sup>3</sup> | IS 5182 (Part - 10) - 1999 | 0.6    | 4.0             |
| 6  | Arsenic                                   | ng/m <sup>3</sup> | AAS/ICP Method             | Nil    | 06              |
| 7  | Nickel                                    | ng/m <sup>3</sup> | AAS/ICP Method             | Nil    | 20              |
| 8  | Lead                                      | µg/m <sup>3</sup> | AAS/ICP Method             | Nil    | 1.0             |

Analyzed by

Source of Prescribed Norms: National Ambient air Quality

Field remark:

Subject to Ahmedabad Jurisdiction



Authorized Signatory



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# TEST REPORT


|   |             |               |
|---|-------------|---------------|
| Customer's Name and Address<br>M/s. Afcons Infrastructure Limited.<br>Project Site- LNG Storage Tank at Chhara LNG Terminal,<br>Kodinar, Dist: Gir Somnath-362720 | FORMAT NO.  | F/LID/55      |
|   | REPORT DATE | 25/08/2021    |
|   | REPORT NO.  | EET/202108774 |



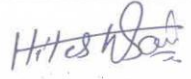
|                       |                        |                 |                        |
|-----------------------|------------------------|-----------------|------------------------|
| Description of sample | Noise level Monitoring | Lab ID Code     | NM/08/774              |
| Date of sampling      | 18/08/2021             | Sampling method | IS 9989 – 1981 RA 2001 |
| Sample collected by   | Field Chemist          |                 |                        |

# RESULT TABLE

| Sr | SAMPLING LOCATION           | Unit   | Result                     |                              |
|----|-----------------------------|--------|----------------------------|------------------------------|
|    |                             |        | Day Time<br>(6 AM – 10 PM) | Night Time<br>(10 PM – 6 AM) |
| 1. | Near Batching plant         | dB (A) | 71.1                       | 64.5                         |
| 2. | Centre of between two tanks | dB (A) | 68.9                       | 63.8                         |

Note : Day Time Norms 75 dB(A)  
Night Time Norms 70 dB(A)



|  |   |   |
|--|---|---|
| <br>Analyzed by |  | <br>Authorized Signatory |
| Source of Prescribed Norms: Standard Norms   |   | Field remark:   |
| Subject to Ahmedabad Jurisdiction  |   |   |



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### TEST REPORT

#### Customer's Name and Address

M/s. Afcons Infrastructure Limited.  
Project Site- LNG Storage Tank at Chhara LNG  
Terminal,  
Kodinar, Dist: Gir Somnath-362720

|             |               |
|-------------|---------------|
| REPORT NO.  | F/LID/03      |
| REPORT DATE | 25/08/2021    |
| REPORT NO.  | EET/202108771 |

|                              |   |                               |                          |
|------------------------------|---|-------------------------------|--------------------------|
| Description of sample        | Water Sample  | Lab ID Code & Sample Location | WE/08/771 : Ground Water |
| Depth of water Level         | 5 meter 02 Centimeter   | Sampling time                 | 11:30 to 12:00           |
| Date of sampling             | 18/08/2021  | Sampling method               | Grab                     |
| Sample collected by          | Field Chemist   | Packing/seal                  | Satisfactory             |
| Quantity and no. of sample/s | 2 liters pH <2 H <sub>2</sub> SO <sub>4</sub> (1 No.)<br>5 liters 4°C | Date of starting of test      | 20/08/2021               |
|                              |   | Date of completion of test    | 25/08/2021               |

### Result table

| Sr. No. | Parameters                          | Unit  | Requirement (Acceptance Limit) | Permissible Limit In The Absence Of Alternate Source | Result Ground Water | Method of Test            |
|---------|-------------------------------------|-------|--------------------------------|--|---------------------|---------------------------|
| 1.      | pH                                  | --    | 6.5-8.5                        | No Relaxation  | 7.50                | IS 3025 (part-11) – 1983  |
| 2.      | Colour (pt. co. scale) in units     | Hazen | Max 5                          | Max 15   | Nil                 | IS 3025 (part-4) – 1983   |
| 3.      | Odour                               | mg/l  | Agreeable                      | Agreeable  | Unobjectionable     | IS 3025 (part-5) – 1983   |
| 4.      | Taste                               | mg/l  | Agreeable                      | Agreeable  | Agreeable           | IS 3025 (part-7&8) – 1984 |
| 5.      | Turbidity in NTU                    | NTU   | Max 1.0                        | Max 5.0  | 1.8                 | IS 3025 (part-10) – 1984  |
| 6.      | Total Dissolved Solids              | mg/l  | Max 500                        | Max 2000   | 2135.2              | IS 3025 (part-16) – 2002  |
| 7.      | Suspended Solids                    | mg/l  | Max 1                          | Max 200  | 10.1                | IS 3025 (Part 17):1984    |
| 8.      | Total Hardness as CaCO <sub>3</sub> | mg/l  | Max 200                        | Max 600  | 522.7               | IS 3025 (part-21) – 1983  |
| 9.      | Calcium as Ca                       | mg/l  | Max 75                         | Max 200  | 106.34              | IS 3025 (part-40) – 1991  |
| 10.     | Magnesium as Mg                     | mg/l  | Max 30                         | Max 100  | 62.54               | IS 3025 (part-46) – 1994  |
| 11.     | Chloride                            | mg/l  | Max 250                        | Max 1000   | 729.8               | IS 3025 (part-32) – 1988  |
| 12.     | Sulphate                            | mg/l  | Max 200                        | Max 400  | 245.7               | IS 3025 (part-24) – 1986  |
| 13.     | Fluoride                            | mg/l  | Max 1.0                        | Max 1.5  | 0.74                | IS 3025 (part-60) – 2008  |
| 14.     | Total Alkalinity                    | mg/l  | Max 200                        | Max 600  | 190.0               | IS 3025 (part-23) – 1986  |
| 15.     | Iron as Fe                          | mg/l  | Max 0.3                        | No Relaxation  | 0.85                | IS 3025 (part-53) – 2003  |
| 16.     | Residual free chlorine              | mg/l  | Min 0.2                        | Max 1.0  | Absent              | IS 3025 (part-26) – 1986  |
| 17.     | Copper as Cu                        | mg/l  | Max 0.05                       | Max 1.5  | Absent              | IS 3025 (part-42) – 1992  |
| 18.     | Manganese as Mn                     | mg/l  | Max 0.1                        | Max 0.3  | Absent              | IS 3025 (part-59) – 2006  |
| 19.     | Nitrates                            | mg/l  | Max 45.0                       | No Relaxation  | 7.20                | IS 3025 (part-34) – 1988  |
| 20.     | Phenolic Compound                   | mg/l  | Max 0.001                      | Max 0.002  | Absent              | IS 3025 (part-43) – 1992  |
| 21.     | Mercury as Hg                       | mg/l  | Max 0.001                      | No Relaxation  | Absent              | IS 3025 (part-48) – 1994  |
| 22.     | Cadmium as Cd                       | mg/l  | Max 0.003                      | No Relaxation  | Absent              | IS 3025 (part-41) – 1992  |

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Page 1 of 2







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| Sr. No. | Parameters                        | Unit       | Requirement (Acceptance Limit) | Permissible Limit In The Advance Of Alternate Source | Result Ground Water | Method of Test                |
|---------|-----------------------------------|------------|--------------------------------|--|---------------------|-------------------------------|
| 23.     | Selenium as Se                    | mg/l       | Max 0.01                       | No Relaxation  | Absent              | IS 3025 (part-53) – 2003      |
| 24.     | Arsenic as As                     | mg/l       | Max 0.01                       | Max 0.05   | Absent              | IS 3025 (part-37) – 1988      |
| 25.     | Cyanide as CN                     | mg/l       | Max 0.05                       | No Relaxation  | Absent              | IS 3025 (part-27) – 1986      |
| 26.     | Lead as Pb                        | mg/l       | Max 0.01                       | No Relaxation  | Absent              | IS 3025 (part-47) – 1994      |
| 27.     | Zinc as Zn                        | mg/l       | Max 5.0                        | Max 15.0   | 0.42                | IS 3025 (part-49) – 1994      |
| 28.     | Anionic detergents (As MBAS)      | mg/l       | Max 0.02                       | Max 1.0  | Absent              | Ann-K of IS:13428:2005        |
| 29.     | Chromium as Cr <sup>6+</sup>      | mg/l       | Max 0.05                       | No Relaxation  | Absent              | IS 3025 (part-53) – 2003      |
| 30.     | Polynuclear aromatic hydrocarbons | mg/l       | Max 0.0001                     | No Relaxation  | Absent              | APHA 6440                     |
| 31.     | Mineral oil                       | mg/l       | Max 0.5                        | No Relaxation  | Absent              | IS 3025 (part-39) – 1991      |
| 32.     | Pesticides                        | mg/l       | Max 1                          | No Relaxation  | Absent              | AOAC 990.06                   |
| 33.     | Aluminum as Al                    | mg/l       | Max 0.03                       | Max 0.2  | Absent              | IS 3025 (part-55) – 2003      |
| 34.     | Boron                             | mg/l       | Max 0.5                        | Max 1.0  | 0.15                | IS 3025 (part-57) – 2005      |
| 35.     | Ammonia                           | mg/l       | Max 0.5                        | No Relaxation  | N.D.(D.L.=0.01)     | IS 3025 (part-37) – 1988      |
| 36.     | Barium (as Ba)                    | mg/l       | Max 0.7                        | No Relaxation  | N.D.(D.L.=0.5)      | Anx-F of IS: 13428:2005       |
| 37.     | Chloramines (as Cl <sub>2</sub> ) | mg/l       | Max 4                          | No Relaxation  | N.D.(D.L.=0.5)      | IS 3025 (part-26) – 1986      |
| 38.     | Silver (as Ag)                    | mg/l       | Max 0.1                        | No Relaxation  | N.D.(D.L.=0.005)    | Anx-J of IS:13428:2005        |
| 39.     | Sulphide (as H <sub>2</sub> S)    | mg/l       | Max 0.05                       | No Relaxation  | N.D.(D.L.=0.01)     | IS 3025 (part-29) – 2003      |
| 40.     | Molybdenum (as Mo)                | mg/l       | Max 0.07                       | No Relaxation  | N.D.(D.L.=0.03)     | IS 3025 (part-2) – 1994       |
| 41.     | Nickel (as Ni)                    | mg/l       | Max 0.02                       | No Relaxation  | N.D.(D.L.=0.01)     | IS 3025 (part-54) – 2003      |
| 42.     | Poly chlorinated biphenyls (PCB)  | mg/l       | Max 0.0005                     | No Relaxation  | N.D.(D.L.=0.0001)   | APHA 6440                     |
| 43.     | Total Coliform Bacteria           | MPN/100 ml | 10/100 mL                      | 10/100 mL  | Absent              | IS:1622-1981 reaffirmed: 2003 |
| 44.     | E. Coliform Bacteria              | MPN/100 ml | 10/100 mL                      | 10/100 mL  | Absent              | IS:1622-1981 reaffirmed: 2003 |
| 45.     | Pseudomonas                       | MPN/100 ml | 10/100 mL                      | 10/100 mL  | Absent              | IS:13428-Annx-D: 2005         |
| 46.     | Salmonella                        | MPN/100 ml | 10/100 mL                      | 10/100 mL  | Absent              | IS:15187-2002                 |

Note : N.D. : Not Detected , D.L. : Detection Limit

|   |  |
|---|--|
|  | <br><b>Authorized Signatory</b> |
| Analyzed by<br>Source of Prescribed Norms: as per IS 10500                          | Field remark:  |
| Subject to Ahmedabad Jurisdiction   |  |



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### TEST REPORT

|  |             |                |
|--|-------------|----------------|
| <b>Customer's Name and Address</b><br><b>M/s. Toyo Engineering India Private Limited.</b><br>Survey No. 866-867,<br>Taluka Kodinar, Village:Chhara,<br>Gir somnath, Gujarat-362720 | FORMAT NO.  | F/LID/54       |
|  | REPORT DATE | 26/10/2021     |
|  | REPORT NO.  | EET/2021101004 |

|                       |                             |                            |                   |
|-----------------------|-----------------------------|----------------------------|-------------------|
| Description of sample | Ambient Air Quality         | Lab ID Code                | AQ/10/1004        |
| Date of sampling      | 19/10/2021 to<br>20/10/2021 | Sampling time              | 10:50 to 10:50    |
| Sample collected by   | Field Chemist               | Sampling method            | Standard practice |
| Packing/seal          | Satisfactory                | Date of starting of test   | 21/10/2021        |
|                       |                             | Date of completion of test | 22/10/2021        |

### RESULT TABLE

|                          |                 |            |  |
|--------------------------|-----------------|------------|--|
| Sampling location        | Near Air Heater |            |  |
| Environmental Conditions |                 |            |  |
| Temperature              | Max:38.4°C      | Min:28.5°C |  |
| Humidity, %              | Max:67          | Min: 56    |  |

| Sr | Parameter                                 | Unit              | Test method                | Result | Prescribe Norms |
|----|---|-------------------|----------------------------|--------|-----------------|
| 1  | Particulate Matter-2.5, PM <sub>2.5</sub> | µg/m <sup>3</sup> | IS 5182 (Part - 24) - 2019 | 30.42  | 60              |
| 2  | Particulate Matter-10, PM <sub>10</sub>   | µg/m <sup>3</sup> | IS 5182 (Part - 23) - 2016 | 75.27  | 100             |
| 3  | SO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 2) - 2001  | 7.25   | 80              |
| 4  | NO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 6) - 1975  | 15.02  | 80              |
| 5  | Carbon Monoxide                           | mg/m <sup>3</sup> | IS 5182 (Part -10) - 1999  | 0.3    | 4.0             |
| 6  | Arsenic                                   | ng/m <sup>3</sup> | AAS/ICP Method             | Nil    | 06              |
| 7  | Nickel                                    | ng/m <sup>3</sup> | AAS/ICP Method             | Nil    | 20              |
| 8  | Lead                                      | µg/m <sup>3</sup> | AAS/ICP Method             | Nil    | 1.0             |
| 9  | Ozone                                     | µg/m <sup>3</sup> | IS 5182 (Part-09) -1974    | 3.52   | 100             |

Note : Our Laboratory is NABL Approved and Its Certificate Number TC-5892 and Valid Up to 25/06/2022

|  |                                 |
|--|---------------------------------|
| <br><b>Analyzed by</b>                                   | <br><b>Authorized Signatory</b> |
| Source of Prescribed Norms: National Ambient air Quality | Field remark:                   |

-----End of The Test Report----- Page 1 of 1



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### TEST REPORT

**Customer's Name and Address**

M/s. Toyo Engineering India Private Limited.  
Survey No. 866-867,  
Taluka Kodinar, Village: Chhara,  
Gir somnath, Gujarat-362720

|             |                |
|-------------|----------------|
| FORMAT NO.  | F/LID/54       |
| REPORT DATE | 26/10/2021     |
| REPORT NO.  | EET/2021101005 |

|                       |                             |                            |                   |
|-----------------------|-----------------------------|----------------------------|-------------------|
| Description of sample | Ambient Air Quality         | Lab ID Code                | AQ/10/1005        |
| Date of sampling      | 19/10/2021 to<br>20/10/2021 | Sampling time              | 11:10 to 11:10    |
| Sample collected by   | Field Chemist               | Sampling method            | Standard practice |
| Packing/seal          | Satisfactory                | Date of starting of test   | 21/10/2021        |
|                       |                             | Date of completion of test | 22/10/2021        |

### RESULT TABLE

|                          |                          |             |  |
|--------------------------|--------------------------|-------------|--|
| Sampling location        | Near Batching Plant Area |             |  |
| Environmental Conditions |                          |             |  |
| Temperature              | Max: 38.4°C              | Min: 28.5°C |  |
| Humidity, %              | Max: 67                  | Min: 56     |  |

| Sr | Parameter                                 | Unit              | Test method                | Result | Prescribe Norms |
|----|---|-------------------|----------------------------|--------|-----------------|
| 1  | Particulate Matter-2.5, PM <sub>2.5</sub> | µg/m <sup>3</sup> | IS 5182 (Part - 24) - 2019 | 39.24  | 60              |
| 2  | Particulate Matter-10, PM <sub>10</sub>   | µg/m <sup>3</sup> | IS 5182 (Part - 23) - 2016 | 82.14  | 100             |
| 3  | SO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 2) - 2001  | 13.62  | 80              |
| 4  | NO <sub>2</sub>                           | µg/m <sup>3</sup> | IS 5182 (Part - 6) - 1975  | 17.88  | 80              |
| 5  | Carbon Monoxide                           | mg/m <sup>3</sup> | IS 5182 (Part - 10) - 1999 | 0.6    | 4.0             |
| 6  | Arsenic                                   | ng/m <sup>3</sup> | AAS/ICP Method             | Nil    | 06              |
| 7  | Nickel                                    | ng/m <sup>3</sup> | AAS/ICP Method             | Nil    | 20              |
| 8  | Lead                                      | µg/m <sup>3</sup> | AAS/ICP Method             | Nil    | 1.0             |
| 9  | Ozone                                     | µg/m <sup>3</sup> | IS 5182 (Part-09) -1974    | 5.27   | 100             |

Note : Our Laboratory is NABL Approved and Its Certificate Number TC-5892 and Valid Up to 25/06/2022

|  |                      |
|--|----------------------|
|  |                      |
| Analyzed by  | Authorized Signatory |
| Source of Prescribed Norms: National Ambient air Quality | Field remark:        |

-----End of The Test Report----- Page 1 of 1



Telefax : (079) 27642219,  
Mobile : 98255 88910, 98257 29124  
E-mail : excelenviro@yahoo.co.in, info@excelenviro.com,  
Web : www.excelenviro.com  
TF-2, Sun House, Nr, Old High Court,  
Off. Ashram Road, Ahmedabad - 380009.

### TEST REPORT

|  |             |                |
|--|-------------|----------------|
| <b>Customer's Name and Address</b><br><b>M/s. Toyo Engineering India Private Limited.</b><br>Survey No. 866-867,<br>Taluka Kodinar, Village:Chhara,<br>Gir somnath, Gujarat-362720 | REPORT NO.  | F/LID/03       |
|  | REPORT DATE | 26/10/2021     |
|  | REPORT NO.  | EET/2021101006 |

|                              |   |                              |                          |
|------------------------------|---|------------------------------|--------------------------|
| Description of sample        | Water Sample  | Lab ID Code& Sample Location | WE/10/1006: Ground Water |
| Depth of water Level         | 4 meter 95 Centimeter                                 | Sampling time                | 11:45 to 11:55           |
| Date of sampling             | 19/10/2021  | Sampling method              | Grab                     |
| Sample collected by          | Field Chemist   | Packing/seal                 | Satisfactory             |
| Quantity and no. of sample/s | 2 liters pH <2 H <sub>2</sub> SO <sub>4</sub> (1 No.) | Date of starting of test     | 21/10/2021               |
|                              | 5 liters 4°C  | Date of completion of test   | 26/10/2021               |

### Result table

| Sr. No. | Parameters                          | Unit  | Drinking water Standard As per IS 10500 |  | Result Ground Water | Method of Test            |
|---------|-------------------------------------|-------|---|--|---------------------|---------------------------|
|         |                                     |       | Requirement (Acceptance Limit)          | Permissible Limit In The Absence Of Alternate Source |                     |                           |
| 1.      | pH                                  | -     | 6.5-8.5                                 | No Relaxation  | 7.86                | IS 3025 (part-11) - 1983  |
| 2.      | Colour (pt. co. scale) in units     | Hazen | Max 5                                   | Max 15   | Nil                 | IS 3025 (part-4) - 1983   |
| 3.      | Odour                               | -     | Agreeable                               | Agreeable  | Agreeable           | IS 3025 (part-5) - 1983   |
| 4.      | Taste                               | mg/l  | Agreeable                               | Agreeable  | Agreeable           | IS 3025 (part-7&8) - 1984 |
| 5.      | Turbidity in NTU                    | NTU   | Max 1.0                                 | Max 5.0  | 1.3                 | IS 3025 (part-10) - 1984  |
| 6.      | Total Dissolved Solids              | mg/l  | Max 500                                 | Max 2000   | 2084.4              | IS 3025 (part-16) - 2002  |
| 7.      | Suspended Solids                    | mg/l  | Max 1                                   | Max 200  | 3.0                 | IS 3025 (Part 17):1984    |
| 8.      | Total Hardness as CaCO <sub>3</sub> | mg/l  | Max 200                                 | Max 600  | 340.0               | IS 3025 (part-21) - 1983  |
| 9.      | Calcium as Ca                       | mg/l  | Max 75                                  | Max 200  | 78.55               | IS 3025 (part-40) - 1991  |
| 10.     | Magnesium as Mg                     | mg/l  | Max 30                                  | Max 100  | 34.99               | IS 3025 (part-46) - 1994  |
| 11.     | Chloride                            | mg/l  | Max 250                                 | Max 1000   | 399.91              | IS 3025 (part-32) - 1988  |
| 12.     | Sulphate                            | mg/l  | Max 200                                 | Max 400  | 317.27              | IS 3025 (part-24) - 1986  |
| 13.     | Fluoride                            | mg/l  | Max 1.0                                 | Max 1.5  | 1.17                | IS 3025 (part-60) - 2008  |
| 14.     | Total Alkalinity                    | mg/l  | Max 200                                 | Max 600  | 233.6               | IS 3025 (part-23) - 1986  |
| 15.     | Iron as Fe                          | mg/l  | Max 0.3                                 | No Relaxation  | 0.45                | IS 3025 (part-53) - 2003  |
| 16.     | Residual free chlorine              | mg/l  | Min 0.2                                 | Max 1.0  | Absent              | IS 3025 (part-26) - 1986  |
| 17.     | Copper as Cu                        | mg/l  | Max 0.05                                | Max 1.5  | Absent              | IS 3025 (part-42) - 1992  |
| 18.     | Manganese as Mn                     | mg/l  | Max 0.1                                 | Max 0.3  | Absent              | IS 3025 (part-59) - 2006  |
| 19.     | Nitrates                            | mg/l  | Max 45.0                                | No Relaxation  | 11.47               | IS 3025 (part-34) - 1988  |
| 20.     | Phenolic Compound                   | mg/l  | Max 0.001                               | Max 0.002  | Absent              | IS 3025 (part-43) - 1992  |
| 21.     | Mercury as Hg                       | mg/l  | Max 0.001                               | No Relaxation  | Absent              | IS 3025 (part-48) - 1994  |
| 22.     | Cadmium as Cd                       | mg/l  | Max 0.003                               | No Relaxation  | Absent              | IS 3025 (part-41) - 1992  |
| 23.     | Selenium as Se                      | mg/l  | Max 0.01                                | No Relaxation  | Absent              | IS 3025 (part-53) - 2003  |

-----End of The Test Report----- Page 1 of 1





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TF-2, Sun House, Nr, Old High Court,  
Off. Ashram Road, Ahmedabad - 380009.

| Sr. No. | Parameters                        | Unit       | Drinking water Standard As per IS 10500      |  | Result Ground Water | Method of Test                |
|---------|-----------------------------------|------------|--|--|---------------------|-------------------------------|
|         |                                   |            | Requirement (Acceptance Limit)               | Permissible Limit In The Absence Of Alternate Source |                     |                               |
| 24.     | Arsenic as As                     | mg/l       | Max 0.01                                     | Max 0.05   | Absent              | IS 3025 (part-37) – 1988      |
| 25.     | Cyanide as CN                     | mg/l       | Max 0.05                                     | No Relaxation  | Absent              | IS 3025 (part-27) – 1986      |
| 26.     | Lead as Pb                        | mg/l       | Max 0.01                                     | No Relaxation  | Absent              | IS 3025 (part-47) – 1994      |
| 27.     | Zinc as Zn                        | mg/l       | Max 5.0                                      | Max 15.0   | 0.64                | IS 3025 (part-49) – 1994      |
| 28.     | Anionic detergents (As MBAS)      | mg/l       | Max 0.02                                     | Max 1.0  | Absent              | Ann-K of IS:13428:2005        |
| 29.     | Chromium as Cr <sup>6+</sup>      | mg/l       | Max 0.05                                     | No Relaxation  | Absent              | IS 3025 (part-53) – 2003      |
| 30.     | Polynuclear aromatic hydrocarbons | mg/l       | Max 0.0001                                   | No Relaxation  | Absent              | APHA 6440                     |
| 31.     | Mineral oil                       | mg/l       | Max 0.5                                      | No Relaxation  | Absent              | IS 3025 (part-39) – 1991      |
| 32.     | Pesticides                        | mg/l       | Max 1  | No Relaxation  | Absent              | AOAC 990.06                   |
| 33.     | Aluminum as Al                    | mg/l       | Max 0.03                                     | Max 0.2  | Absent              | IS 3025 (part-55) – 2003      |
| 34.     | Boron                             | mg/l       | Max 0.5                                      | Max 1.0  | 0.18                | IS 3025 (part-57) – 2005      |
| 35.     | Ammonia                           | mg/l       | Max 0.5                                      | No Relaxation  | N.D.(D.L.=0.01)     | IS 3025 (part-37) – 1988      |
| 36.     | Barium (as Ba)                    | mg/l       | Max 0.7                                      | No Relaxation  | N.D.(D.L.=0.5)      | Anx-F of IS: 13428:2005       |
| 37.     | Chloramines (as Cl <sub>2</sub> ) | mg/l       | Max 4  | No Relaxation  | N.D.(D.L.=0.5)      | IS 3025 (part-26) – 1986      |
| 38.     | Silver (as Ag)                    | mg/l       | Max 0.1                                      | No Relaxation  | N.D.(D.L.=0.005)    | Anx-J of IS:13428:2005        |
| 39.     | Sulphide (as H <sub>2</sub> S)    | mg/l       | Max 0.05                                     | No Relaxation  | N.D.(D.L.=0.01)     | IS 3025 (part-29) – 2003      |
| 40.     | Molybdenum (as Mo)                | mg/l       | Max 0.07                                     | No Relaxation  | N.D.(D.L.=0.03)     | IS 3025 (part-2) – 1994       |
| 41.     | Nickel (as Ni)                    | mg/l       | Max 0.02                                     | No Relaxation  | N.D.(D.L.=0.01)     | IS 3025 (part-54) – 2003      |
| 42.     | Poly chlorinated biphenyls (PCB)  | mg/l       | Max 0.0005                                   | No Relaxation  | N.D.(D.L.=0.0001)   | APHA 6440                     |
| 43.     | Total Coliform Bacteria           | MPN/100 ml | Shall not be detectable in any 100 ml sample |  | Absent              | IS:1622-1981 reaffirmed: 2003 |
| 44.     | E. Coliform Bacteria              | MPN/100 ml | Shall not be detectable in any 100 ml sample |  | Absent              | IS:1622-1981 reaffirmed: 2003 |
| 45.     | Pseudomonas                       | MPN/100 ml | Shall not be detectable in any 100 ml sample |  | Absent              | IS:13428-Annx-D: 2005         |
| 46.     | Salmonella                        | MPN/100 ml | Shall not be detectable in any 100 ml sample |  | Absent              | IS:15187-2002                 |
| 47.     | Thermotolerant Coliform           | MPN/100 ml | Shall not be detectable in any 100 ml sample |  | Absent              | IS:1622-1981 reaffirmed: 2003 |

Note : N.D. : Not Detected , D.L : Detection Limit

Our Laboratory is NABL Approved and Its Certificate Number TC-5882 and Valid Up to 25/06/2022

|   |                      |
|---|----------------------|
|   |                      |
| Analyzed by                                 | Authorized Signatory |
| Source of Prescribed Norms: as per IS 10500 | Field remark:        |

-----End of The Test Report----- Page 1 of 1



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E-mail : excelenviro@yahoo.co.in, info@excelenviro.com,  
Web : www.excelenviro.com  
TF-2, Sun House, Nr, Old High Court,  
Off. Ashram Road, Ahmedabad - 380009.

### TEST REPORT

|  |   |            |          |             |            |            |                |
|--|---|------------|----------|-------------|------------|------------|----------------|
| <b>Customer's Name and Address</b><br>M/s. Toyo Engineering India Private Limited.<br>Survey No. 866-867,<br>Taluka Kodinar, Village: Chhara,<br>Gir somnath, Gujarat-362720 | <table border="1"> <tr> <td>FORMAT NO.</td><td>F/LID/55</td></tr> <tr> <td>REPORT DATE</td><td>26/10/2021</td></tr> <tr> <td>REPORT NO.</td><td>EET/2021101007</td></tr> </table> | FORMAT NO. | F/LID/55 | REPORT DATE | 26/10/2021 | REPORT NO. | EET/2021101007 |
| FORMAT NO.   | F/LID/55  |            |          |             |            |            |                |
| REPORT DATE  | 26/10/2021  |            |          |             |            |            |                |
| REPORT NO.   | EET/2021101007  |            |          |             |            |            |                |

|                       |                        |                 |                        |
|-----------------------|------------------------|-----------------|------------------------|
| Description of sample | Noise level Monitoring | Lab ID Code     | NM/10/1007             |
| Date of sampling      | 19/10/2021             | Sampling method | IS 9989 – 1981 RA 2001 |
| Sample collected by   | Field Chemist          |                 |                        |

### RESULT TABLE

| Sr | SAMPLING LOCATION    | Unit   | Result                     |                             |
|----|----------------------|--------|----------------------------|-----------------------------|
|    |                      |        | Day Time<br>(6 AM – 10 PM) | Night Time<br>(17 M – 6 AM) |
| 1  | Near Batching plant  | dB (A) | 71.5                       | 65.9                        |
| 2  | Near Air Heater Area | dB (A) | 73.2                       | 68.4                        |

Note : Day Time Norms 75 dB(A)

Night Time Norms 70 dB(A)

Our Laboratory is NABL Approved and Its Certificate Number TC-5892 and Valid Up to 25/06/2022

|  |  |
|--|--|
| <br><b>Analyzed by</b><br>Source of Prescribed Norms: Standard Norms | <br><b>Authorized Signatory</b><br>Field remark: |
|--|--|

-----End of The Test Report----- Page 1 of 1

**ANNEXURE 4: COPY OF CONSENT TO ESTABLISH (CTE)**



**GUJARAT POLLUTION CONTROL BOARD**

PARYAVARAN BHAVAN  
Sector-10-A, Gandhinagar-382 021.  
Website : www.gpcb.gov.in

BY RPAD

**"Consent to Establish"(CTE)**

CTE NO.: 78045

No. GPCB/JNG-C -120/ID- 50585/ 352346

13/04/16

To,

M/S. HPCL SHAPOORJI ENERGY PRIVATE LIMITED (HSEPL),  
SURVEY NO: 449, 532, 450- 455, 844 -869, 872/P1  
VILL: CHHARA - 362720,  
TAL: KODINAR,  
DIST: GIR SOMNATH.

**Sub:** Consent to Establish under Section 25 of Water Act 1974 and Section 21 of Air Act 1981 and Haz. Waste Rules, 2008.

**Ref:** Your CTE fresh application Inward ID No. 104450 dated 08/03/2016.

Sir,

Without prejudice to the powers of this Board under the Water (Prevention & Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish** for setting up of your industrial plant at **SURVEY NO: 449, 532, 450- 455, 844 -869, 872/P1, VILL: CHHARA - 362720, TAL: KODINAR, DIST: GIR SOMNATH** for the manufacturing of the following items: **The Validity period of the order will be Seven years i.e. up to 07/03/2023.**

| Sr.No. | Product                            | Quantity                     |
|--------|------------------------------------|------------------------------|
| 1      | Storage and Re-gasification of LNG | 5 Million Metric Tonne/Annum |

**CONDITIONS UNDER WATER ACT 1974:**

1. The water consumption and waste water generation shall be as under

|            | Water Consumption | Waste water generation |
|------------|-------------------|------------------------|
| Industrial | 541 KL/Day        | Nil                    |
| Domestic   | 10 KL/Day         | 8 KL/Day               |

2. The sewage effluent shall be treated in STP. The Sewage treatment plant consisting of the following units:

- Screen chamber
- Oil & Grease tank
- Equalization tank no.1
- MBBR tanks -2 Nos.
- Secondary settling tank -1 no.
- Filter press
- Sludge collection sump
- NaOCl Dosing tank
- Intermediate collection tank -1 no.
- Dual media filter -1 no.
- Final collection tank -1 no.

- There shall be no generation of industrial effluent from the manufacturing Process and other ancillary industrial operations
- Treated sewage water shall be used for gardening within premises.

*CC Sharma*

Page 1 of 3

**Clean Gujarat Green Gujarat**  
ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation

**CONDITIONS UNDER THE AIR ACT:**

5. The following shall be used as fuel.

| Sr No. | Fuel        | Quantity    |
|--------|-------------|-------------|
| 1.     | Natural Gas | 60 T/Hrs    |
| 2.     | Diesel      | 290 Lit/Hrs |

6. The applicant shall install & operate air pollution control system in order to achieve norms prescribed below

7. The flue gas emission through stack shall conform to the following standards:

| Stack No. | Stack attached to              | Stack height in Meter | Air Pollution Control system | Parameter          | Permissible Limit |
|-----------|--------------------------------|-----------------------|------------------------------|--------------------|-------------------|
| 1.        | Flare stack                    | 30                    | N.A                          | Particulate Matter | 150 mg/NM3        |
| 2.        | Gas engine generator -2        | 30                    | N.A                          | SO2                | 100 ppm           |
| 3.        | Gas engine generator -1        | 30                    | N.A                          | NOx                | 50 ppm            |
| 4.        | Gas engine generator -3        | 30                    | N.A                          |                    |                   |
| 5.        | Submerged combustion vaporiser | 12                    | N.A                          |                    |                   |
| 6.        | D.G Sets 1 MW                  | 30                    | Acoustic enclosure           |                    |                   |

8. There shall be no process gas emission.
9. Stack monitoring facilities like port hole, platform/ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.
10. Ambient air quality within the premises of the industry shall conform to the following standards:-

| PARAMETERS                        | PERMISSIBLE LIMIT Annual     | PERMISSIBLE LIMIT 24 hrs. Average |
|-----------------------------------|------------------------------|-----------------------------------|
| Particulate Matter <sub>10</sub>  | 60 Microgram/NM <sup>3</sup> | 100 Microgram/M <sup>3</sup>      |
| Particulate Matter <sub>2.5</sub> | 40 Microgram/NM <sup>3</sup> | 60 Microgram/M <sup>3</sup>       |
| SO <sub>2</sub>                   | 50 Microgram/NM <sup>3</sup> | 80 Microgram/M <sup>3</sup>       |
| NO <sub>x</sub>                   | 40 Microgram/NM <sup>3</sup> | 80 Microgram/M <sup>3</sup>       |

11. All measures for the control of environmental pollution shall be provided before commencing production.

**CONDITIONS UNDER HAZARDOUS WASTE:**

12. Applicant shall have to comply with provisions of Hazardous Waste (Management & Handling & Trans boundary Movement) Rules-2008 as amended from time to time.
- 12.1 The applicant shall obtain membership of common TSDF site for disposal of Haz. Waste as categorized in Hazardous Waste (Management & Handling & Trans boundary Movement) Rules-2008 as amended from time.
- 12.2 The applicant shall provide temporary storage facilities for each type of Haz. Waste as per Hazardous Waste (Management & Handling & Trans boundary Movement) Rules-2008 as amended from time to time

**GENERAL CONDITION :**

13. Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.

*(Signature)*





## GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN  
Sector-10-A, Gandhinagar-382 021.  
Website : [www.gpcb.gov.in](http://www.gpcb.gov.in)

14. The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.
15. In case of change of ownership/management the name and address of the new owner's /partners/ directors/ proprietor should immediately be intimated to the Board.
16. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
17. The applicant also comply with the General conditions as per Annexure - I attached herewith (No.1 to 38) (whichever applicable).
18. The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:  
Between 6 A.M. and 10 P.M.: 75 dB (A)  
Between 10 P.M. and 6 A.M.: 70 dB (A)
19. Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.
20. If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property in that case they are obliged to pay the compensation as determined by the competent authority.

For and on behalf of  
GUJARAT POLLUTION CONTROL BOARD

(CHIRAG BHIMANI)  
UNIT HEAD

COPY TO: Regional Officer, G. P. C. Board, Junagadh- For compliance monitoring and submission of monitoring report for compliance of the conditions

**ANNEXURE 5: COPY OF AUTHORIZATION LETTER FROM GUJARAT MARITIME BOARD (GMB)  
TO CONSTRUCT AND MAINTAIN LNG TERMINAL AT CHHARA PORT**

No. GMB/N/PVT-1/1628/439 /7447

Date: October 25, 2019

NOV 1

**Capt. Nitin Bondre**

**CEO - Ports and Terminals**

Simar Port Private Limited

SP Centre, 41/44, Minoo Desai Marg

Colaba, Mumbai - 400 005

**Sub: Authorization by Gujarat Maritime Board Act, by the notifications under the provisions of section 35 (1), to HPCL Shapoorji Energy Private Limited ("HSEPL") to construct and maintain LNG Terminal at the Chhara port under Sub-Concession with Simar Port Private Limited.**

**Ref: 1. Your office letter no. SPPL/Chhara/38/2019 dated May 13, 2019**  
**2. Your office letter no. SPPL/Chhara/54/2019 dated July 08, 2019**  
**3. Your office letter no. HSEPL/GMB/2019/010 dated August 20, 2019**  
**4. Your office letter no. HSEPL/GMB/2019/011 dated August 20, 2019**

Sir,

GMB vide letter dated April 4, 2016 had granted in-principle approval for acceptance of M/s HPCL Shapoorji Energy Private Limited (HSEPL) as a sub-concessionaire for development of LNG Terminal at Chaara. Pursuant to in-principle approval by GMB, GMB vide letter dated October 18, 2017 has approved the Detailed Project Report (DPR) for the development of LNG Terminal at Chhara. Environment Clearance from MOEF, GOI for the LNG Terminal has been received vide its letter dated March 5, 2019 and consent to establish has been received from GPCB vide its letter dated April 13, 2019.

Vide the letter under reference no. 1 you had requested to grant approval to HPCL Shapoorji Energy Private Limited to construct and maintain LNG Storage and Re-gasification Terminal at the Chhara port and vide letter under reference no. 2, 3 and 4 you had submitted various details related to the project. Your request was put up before the Board of GMB in its 257<sup>th</sup> meeting held on October 4, 2019. The Board vide Resolution no. 3394 has resolved to accord construction permission to M/s. Simar Port Pvt. Ltd. for the development of LNG terminal at Chhara by M/s. HPCL Shapoorji Energy Private Limited under section 35(1) of GMB Act 1981 subject to following conditions:

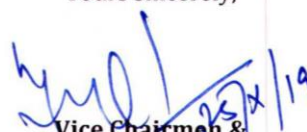
- (a) The construction shall be strictly in accordance with the Approved DPR/amended DPR and any changes or deviation from the approved DPR shall be subject to prior approval of GMB.
- (b) The period for completion of construction of Contracted Assets of LNG terminal shall be as per the approved DPR. The scheduled construction period of the LNG terminal shall be 3 years from the date of conveying the construction permission by GMB, failing to which HSEPL shall have to pay liquidated damages as per provision of concession agreement.
- (c) HSEPL shall be liable to pay the waterfront royalty for LNG cargo to GMB equivalent to the rate of waterfront royalty payable by the existing LNG port terminals companies in Gujarat. The current waterfront royalty applicable to existing LNG Port Terminals is Rs. 179.16/- per ton of LNG with effect from 1<sup>st</sup> April, 2019. The waterfront royalty for LNG cargo shall be subject to an escalation on 1<sup>st</sup> April every three years by an amount equal to twenty percent (20%) of the previous waterfront royalty. The next escalation shall occur on the first of April of the Financial Year 2022.
- (d) HSEPL shall have to achieve the financial closure and submit the relevant documents to GMB before starting the construction activities.
- (e) SPPL/HSEPL shall submit to GMB copies of all detailed design and engineering drawings for approval.
- (f) SPPL/HSEPL shall have to provide monthly progress report of the construction activities.
- (g) SPPL/HSEPL shall have to obtain a completion certificate from GMB upon completion of the construction.
- (h) SPPL/HSEPL shall have to submit a separate proposal for landing and shipping place declaration.
- (i) SPPL/HSEPL shall have to obtain necessary approvals/permissions before commencement of cargo handling.
- (j) SPPL/HSEPL shall have to share the information regarding Bids of EPC contractor with GMB.
- (k) The construction shall be at the risk and cost of HSEPL.
- (l) SPPL/HSEPL shall have to obtain all necessary statutory clearances required before starting construction.
- (m) HSEPL shall provide an irrevocable and unconditional guarantee from a reputed bank for an amount of equivalent to 3 % of the value of the Contracted Assets + applicable taxes for LNG terminal project in accordance with the Approved DPR and the Construction Guarantee shall be from short listed banks by GOG in a form prescribed by GMB within 4 weeks from the date of issuance of Construction permission, failing which this construction permission shall stand cancelled.
- (n) SPPL/HSEPL shall have to adhere to all the conditions stated above, failing of which will be treated as the breach of terms and conditions of Concession Agreement and sub-concession agreement.
- (o) SPPL/HSEPL shall have to strictly follow relevant conditions of the Concession Agreement/Sub-concession agreement during the construction phase.



- (p) GMB/GOG may also impose any other terms and conditions as and when required which will be applicable to SPPL/HSEPL.
- (q) HSEPL has to pay all the applicable charges to the competent authority.
- (r) SPPL shall have to submit a letter accepting all the above terms and conditions within seven days of the issuance of the letter, failing to that, will automatically cancel the construction permission.

Thanking you.

Yours sincerely,



**Vice Chairman &  
Chief Executive Officer**

28/10/19  
o/c  
25/10/19  
25/10/19

**Copy to:** Port Officer, Veraval

**ANNEXURE 6: COPY OF CLEARANCE LETTER SUBMITTED TO DISTRICT DEVELOPMENT OFFICER  
OF GIR SOMNATH DISTRICT**



**HPCL SHAPOORJI ENERGY PVT LTD**

From: Site Office, Kodinar

Date: 24<sup>th</sup> April, 2019

To  
District Development Officer,  
Dist. Gir-Somnath  
Gujarat

SUBJECT: Submission of copy of Environment Clearance for development of LNG  
Terminal

Dear Sir,

Please find the attached copy of Environment Clearance for development of LNG Storage  
and re-gasification Terminal at village Chhara, Taluka Kodinar, District Gir Somnath.

This is for kind information.

Thanking you.

Yours sincerely

For HPCL Shapoorji Energy Private Limited,

Authorize Signatories



Enclosed: Copy of Environment Clearance for LNG Storage & re-gasification terminal

RECEIVED  
25/4  
5 APR 2019

Corporate Office Third Floor - West Wing, Forbes Building, Charanjit Rai Marg, Fort, Mumbai - 400001.  
REGISTRY BRANCH  
Registered Office, Venus Amadeus, 301-305, 3rd Floor, Jodhpur Cross Road, Satellite, Ahmedabad - 380015.  
Tel 022 62796666

CIN U40101GJ2013PTC077228

**ANNEXURE 7: COPY OF CLEARANCE LETTER SUBMITTED TO TALUKA DEVELOPMENT OFFICER OF KODINAR, DISTRICT GIR SOMNATH**



**HPCL SHAPOORJI ENERGY PVT LTD**

From: Site Office, Kodinar

Date: 24<sup>th</sup> April, 2019

To

Taluka Development Officer,

Kodinar

Dist. Gir-Somnath

Gujarat

**SUBJECT:** Submission of copy of Environment Clearance for development of LNG Terminal

Dear Sir,

Please find the attached copy of Environment Clearance for development of LNG Storage and re-gasification Terminal at village Chhara, Taluka Kodinar, District Gir Somnath.

This is for kind information.

Thanking you.

Yours sincerely

For HPCL Shapoorji Energy Private Limited,

Authorize Signatories



સ્પાળી (Sokmvi)  
ઇન્ચાર્જ ક્લાર્ક  
તાલુકા પંચાયત કચેરી, કોડીનાર

Enclosed: Copy of Environment Clearance for LNG Storage & re-gasification terminal

O/C

Corporate Office Third Floor - West Wing, Forbes Building, Charanjit Rai Marg, Fort, Mumbai - 400001.

Registered Office Venus Amadeus, 301-305, 3rd Floor, Jodhpur Cross Road, Satellite, Ahmedabad - 380015.

Tel 022 62796666

CIN U40101GJ2013PTC077228

**ANNEXURE 8: COPY OF CLEARANCE LETTER SUBMITTED TO MUNICIPAL CORPORATION,  
KODINAR**



**HPCL SHAPOORJI ENERGY PVT LTD**

From: Site Office, Kodinar

Date: 24<sup>th</sup> April, 2019

To  
Municipal Corporation,  
Kodinar  
Dist. Gir-Somnath  
Gujarat

**SUBJECT: Submission of copy of Environment Clearance for development of LNG  
Terminal**

Dear Sir,

Please find the attached copy of Environment Clearance for development of LNG Storage  
and re-gasification Terminal at village Chhara, Taluka Kodinar, District Gir Somnath.

This is for kind information.

Thanking you.

Yours sincerely

For HPCL Shapoorji Energy Private Limited,

*S.Daw*  
Authorize Signatories



Enclosed: Copy of Environment Clearance for LNG Storage & re-gasification terminal

*o/c* *B. Somani*  
*24/4/2019*  
*24/4/2019*

Corporate Office Third Floor - West Wing, Forbes Building, Charanjit Rai Marg, Fort, Mumbai - 400001.

Registered Office Venus Amadeus, 301-305, 3rd Floor, Jodhpur Cross Road, Satellite, Ahmedabad - 380015.

Tel 022 62796666

CIN U40101GJ2013PTC077228

**ANNEXURE 9: COPY OF CLEARANCE LETTER SUBMITTED TO GUJARAT POLLUTION CONTROL BOARD, RO, JUNAGADH**



**HPCL SHAPOORJI ENERGY PVT LTD**

**CTE No: 78045**

**Ref no. HSEPL-GPCB-L-002**

**Date: 09-Apr-2019**

To,  
Regional Officer,  
'Pankaj Bungalow',  
Opp. Saint Anne's Church,  
Station Road,  
Junagadh - 362 001

**Subject: Submission of copy of MoEF&CC letter for grant of environmental and CRZ clearance to the project 'Development of LNG storage and re-gasification terminal at village Chhara Taluka Kodinar, District Gir Somnath, Gujarat by M/s HPCL Shapoorji Energy Ltd (HSEPL)**

**F. No.: 11-01/2014-IA-III**

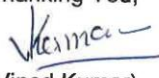
**Proposal No.: IA/GJ/MIS/61501/2014 dated 23-Feb-14**

Dear Sir,

This with reference to the Consent to Establish (CTE) received from GPCB vide letter (No.: GPCB/JNG-C-120/ID-50585/352346) dated 13-Apr-16 by CTE no. 78045. HPCL Shapoorji Energy Pvt. Ltd. (HSEPL) has received grant of Environmental clearance and CRZ clearance (EC) for the project 'Development of LNG storage and re-gasification terminal at village Chhara Taluka Kodinar, District Gir Somnath, Gujarat on 5-Mar-2019.

Please find attached copy of aforesaid letter from MoEF&CC for grant of EC for the records of your good office.

Thanking You,

  
(Vinod Kumar)  
Sr. Project Manager.

**Enclosed: 1. EC letter dated 5-Mar-19**

Corporate Office Third Floor - West Wing, Forbes Building, Charanjit Rai Marg, Fort, Mumbai - 400001.

Registered Office Venus Amadeus, 301-305, 3rd Floor, Jodhpur Cross Road, Satellite, Ahmedabad - 380015, Page 1 of 1

Tel 022 62796666

CIN U40101GJ2013PTC077228



**ANNEXURE 10: COPY OF PERMISSION LETTER FOR CONSTRUCTION OF LNG IMPORT, STORAGE, REGASIFICATION TERMINAL AT CHHARA FROM PESO**

कार "विस्फोट", नागपुर  
 Telegram: 'EXPLOSIVES', Nagpur  
 Website: <http://peso.gov.in>  
 Email: [explosives@explosives.gov.in](mailto:explosives@explosives.gov.in)  
 दूरभाष/ Telephone: 0712-2510248  
 फैक्स/ FAX: 2510577

र्यालीन उद्देश्य, सभी  
 पत्रादि "मु य विस्फोट नियंत्रण" के  
 पदनाम से भेजे जाएं, उन व्यक्ति त  
 नाम से नहीं।  
 All communications intended  
 for this Office should be addressed  
 to the 'Chief Controller of  
 Explosives' and NOT to him by  
 name.



भारत सरकार  
 GOVERNMENT OF INDIA  
 पेट्रोलियम तथा विस्फोट सुरक्षा संस्थान  
 PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION  
 (पूर्व नाम- विस्फोट विभाग)  
 (Formerly- Department of Explosives)

"ए" ब्लॉक, पाँचवा तल, न्द्रीय र्यालय परिसर,  
 "A" Block, 5<sup>th</sup> Floor, CGO Complex,  
 सेमीनरी हिल्स, नागपुर-440 006 (महा.)  
 Seminary Hills, Nagpur- 440006

No. A/S/HO/GJ/03/1815 (S75157)  
 Nagpur, dated 15.11.2017

To,

**M/s. HPCL Shapoorji Energy Pvt. Ltd.,  
 Venus Amadeus, 301-305, 3<sup>rd</sup> Floor,  
 Jodhpur Cross Road,  
 Satellite, Ahmedaad – 380 015**

Sub: Permission for construction of LNG import, storage, re-gassification terminal situated at Chhara Port, Dist. GIR Somnath (Gujarat) – Regarding.

Dear Sirs,

Please refer to your letter No. HSEPL/PESO/2017-18/008 dated 22.09.2017 and technical presentation on held in this office on 29.11.2016 & 13.07.2017


The drawing nos. 1001 Rev. 1, 0002 Rev. 2, 47406300/MN/GEN/T-01 REV. 0 showing proposed storage of LNG in 2 X 2,00,000 m3 water capacity atmospheric storage tanks Nos. T-101 & T-102, re-gassification terminal at Chhara Port, Dist. GIR Somnath (Gujarat) with tank design conditions, design calculations for inner tanks, bottom, roof structure, sizing of pressure relief valve, vacuum safety valve etc. submitted by you meets with the requirements of International Standards and codes meant for LNG storage tanks and other facilities in principle with the following conditions :-

1. To submit a copy of Environmental Clearance granted by Ministry of Environment & Forest, Govt. of India alongwith other documents required for grant of commissioning permission for the above said LNG atmospheric storage tanks in future.
2. To submit a copy of land lease agreement entered between M/s. Simar Port Pvt. Ltd., to M/s. HPCL Shapoorji Energy Pvt. Ltd.,

After completion of construction and installation of facilities, you are requested to submit a detailed inspection and test certificate, from a reputed organization in respect of above said tanks, equipments including, pumps, compressors, electrical fittings, fire fighting facilities provided, as well as control certificate from third party inspector for construction and installation of said LNG storage tanks as per the Design Codes for further necessary action.

Encl. a/a.

Yours faithfully,



**(V. B. Borgaonkar)**


Dy. Chief Controller of Explosives  
for Chief Controller of Explosives

Copy forwarded to :-

1. The Jt. Chief Controller of Explosives, West Circle, Mumbai.
2. The Dy. Chief Controller of Explosives, Baroda

for Chief Controller of Explosives

**ANNEXURE 11: COPY OF LETTER FOR APPROVAL FOR CONSTRUCTION OF JETTY FOR HANDLING OF LNG AT CHHARA PORT FROM PESO**

|   |   |
|---|---|
| <p>Website : <a href="http://peso.gov.in">http://peso.gov.in</a><br/> Email: <a href="mailto:explosives@explosives.gov.in">explosives@explosives.gov.in</a><br/> दूरभाष/ Telephone : 0712-2510248<br/> फैक्स/ FAX : 2510577<br/> कार्यालयीन उद्देश्य के सभी पत्रादि "मुख्य विस्फोटक नियंत्रक" के पदनाम से भेजे जाए उनके व्यक्तिगत नाम से नहीं।</p> <p>All communications intended for this Office should be addressed to the 'Chief Controller of Explosives' and NOT to him by name.</p> | <br><b>भारत सरकार</b><br>GOVERNMENT OF INDIA<br><b>वाणिज्य और उद्योग मंत्रालय</b><br>Ministry of Commerce & Industry<br><b>पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन</b><br><i>Petroleum and Explosives Safety Organisation</i><br>(पूर्व नाम - विस्फोटक विभाग)<br>(Formerly- Department of Explosives)<br>'ए' ब्लॉक, पाँचवा तल, केन्द्रीय कार्यालय परिसर,<br>"A" Block, 5 <sup>th</sup> Floor, CGO Complex,<br>सेमिनरी हिल्स, नागपुर - 440 006 (महाराष्ट्र)<br>Seminari Hills, Nagpur- 440006 |
|---|---|

Dated :27/10/2017

संख्या /No.: G.22(47)178

To, ✓ M/s. HPCL Shapoorji Energy Pvt. Ltd.,  
Venus Amadeus, 301-305, 3rd Floor,  
Jodhpur Cross Road, Satellite, Ahmedabad-380015.

Sub: - Approval for construction of Jetty for handling of Natural Gas at Chhara Port, Distt. Gir Somnath- regarding.

Dear Sirs,

Please refer to your letter No. Nil dated 07/09/2017.

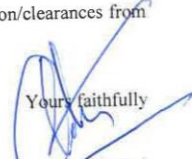
Drawing No. A642-000-1647-0002, 47406300/MN/GEN/T-01, HSEPL-PESO-003-00-2017-DWG-001, HSEPL-PESO-004-00-2017-DWG-001, HSEPL-PESO-004-00-2017-DWG-002, A642-000-12-42-1201, A642-000-12-42-1301 & A642-000-12-42-1101 showing for construction of Natural Gas Jetty at Chhara Port are returned herewith duly endorsed in token of approval under Manufacture, Storage & Import of Hazardous Chemicals (MSHIC) Rules, 1989 with following conditions.

- 1) Close Out report of HAZOP study shall be furnished.
- 2) Close Out report with respect to compliance to OISD 156 including other applicable standards and codes shall be furnished.
- 3) A comprehensive and exhaustive list of all the electrical equipments, junction boxes and starters etc. installed on the jetty platform and backup area shall be prepared in conjunction with hazardous area classification and their approval references from CCE, Nagpur.
- 4) As built plans/drawings shall be submitted incorporating the safety distances and requirements laid down in OISD-156 incorporating the distance table as well,
- 5) Pre-commissioning safety audit report from OISD/EIL shall be furnished.
- 6) Necessary permission/NOC from the relevant authorities including DG shipping shall be obtained.

Once above facilities are fully completed/installed, you may approach Dy. Chief Controller of Explosives, Vadodara for inspection of the subject facilities. Further necessary action towards commissioning permission will be considered after receipt of As-built drawings without any ink/hand correction or colour coding along with compliance of the conditions stipulated above.

This approval/permission does not absolve you from obtaining necessary permission/clearances from other authorities or under other statutes as applicable.

All necessary safety precaution shall be taken to prevent accidents.

Yours faithfully  
  
(D. K. GUPTA)  
Dy. Chief Controller of Explosives  
for Chief Controller of Explosives

Copy forwarded to The Dy. Chief Controller of Explosives, Vadodara. He is requested to inspect the above facility as and when approached by the company.

for Chief Controller of Explosives

**ANNEXURE 12: COPY OF LETTER FOR APPROVAL OF LAYING OF 36", 1.2 KM LONG LNG CIRCULATION LINES (2 NUMBERS) & 12", 1.2 KM LONG VAPOUR LINE FROM LNG RECEIVING JETTY TO B/L OF REGASIFICATION TERMINAL AT CHHARA FROM PESO**

Website : <http://peso.gov.in>  
Email: [explosives@explosives.gov.in](mailto:explosives@explosives.gov.in)  
दूरभाष/ Telephone : 0712-2510248  
फैक्स/ FAX : 2510577

कार्यालयीन उद्देश्य के सभी पत्रादि "मुख्य विस्फोटक नियंत्रक" के पदनाम से भेजे जाए उनके व्यक्तिगत नाम से नहीं।

All communications intended for this Office should be addressed to the 'Chief Controller of Explosives' and NOT to him by name.



भारत सरकार

GOVERNMENT OF INDIA

पेट्रोलियम तथा विस्फोटक सुरक्षा समन्वयन  
Petroleum and Explosives Safety Organisation  
(पूर्व नाम - विस्फोटक विभाग)

(Formerly- Department of Explosives)

"ए-ब्लॉक ५, पाँचवा तल, केन्द्रीय कार्यालय परिसर,

"A" Block, 5<sup>th</sup> Floor, CGO Complex,

सेमिनरी हिल्स, नागपुर - 440 006 (महा)

Seminary Hills, Nagpur- 440006

संख्या /No.: P-2(4)1123

दिनांक /Nagpur, dated: 22/09/2017

To,

M/s. HPCL Shapoorji Energy Pvt. Ltd.,  
Venus Amadeus, 301-305, 3rd Floor,  
Jodhpur Cross Road, Satellite, Ahmedabad-380015.

Sub: - Approval for laying of 36"x 1.2 M long Liquid Natural Gas re-circulation lines (2 Numbers) & 12" x 1.2 Km long vapour line from LNG receiving Jetty to Battery limit of Regasification Terminal at Chhara, Distt. Gir Somnath, Gujarat under Manufacture, Storage & Import of Hazardous Chemicals (MSIHC) Rules, 1989- regarding.

Dear Sirs,

Please refer to your letter no. Nil dated 07/09/2017 and discussions with your officials on the above subject.

Your above proposal of laying of subject pipelines meets with the approval of this office and copies of the drawing Nos. HSEPL-PESO-004-00-2017-DWG-001, HSEPL-PESO-003-00-2017-DWG-001, HSEPL-PESO-004-00-2017-DWG-002, 47406300/MN/GEN/T-01, A642-000-12-42-1201, A642-000-12-42-1301, A642-000-16-47-0002, A642-000-12-42-1101, 01-04-41-N-1111, 01-04-41-N-1112, 01-04-41-N-1113 & 01-04-41-N-1120 are returned herewith duly endorsed in token of approval with the following conditions:-

1. Application under Schedule VII and Safety Report under Schedule VIII of Manufacture, Storage & Import of Hazardous Chemicals (MSIHC) Rules, 1989 is furnished duly filled in and signed.
2. List of equipments shall be incorporated in the layout plan.
3. Pre-commission Safety Audit Report along with compliance of the recommendation shall be furnished.
4. Risk Analysis Report shall be furnished
5. Detailed S.O.Ps, Scheme of patrolling of ROU and systems of continuous monitoring of pipeline is submitted for perusal and record of this office.
6. As Built, P & I diagram including close out report of HAZOP study shall be furnished.
7. Necessary clearance from Ministry of Environment & Forest, State Pollution Control Board etc shall be furnished.
8. An exhaustive list of all electrical equipments/apparatus/instruments installed within Jetty premises, showing name of fittings, its make, model/Type, Test report, number and Chief Controller of Explosives approval reference with date etc. shall be forwarded for perusal and records.
9. Copy of PESO's approval for LNG Terminal shall be furnished.
10. Close Out report for compliance to OISD-156 shall be furnished.

Contd..2/-



-2-

After completion of the laying of entire stretch of pipeline and all associated facilities the same should be hydro tested according to the applicable code and detailed hydrotest report be submitted to this office together with four sets of "As built" drawings (without any ink/hand corrections) to enable this office to accord to commissioning permission of the pipeline as required under Manufacture, Storage & Import of Hazardous Chemicals (MSIHC) Rules, 1989.

Please also note that prior to commencing of laying of the pipeline the right of way shall have to be obtained by you. After installation, detailed drawing showing various segment of pipeline crossing, Surge Analysis Report, Risk Analysis Report, Clearance from Environment Ministry, ROW Notification etc. & Hydrotest Report shall be forwarded to this office alongwith as built drawing to enable it to accord permission to commission the pipeline.

Once above facilities are fully completed/installed, you may approach Dy. Chief Controller of Explosives, Vadodara for inspection of the subject facilities. Further necessary action towards commissioning permission will be considered after receipt of "As Built" drawings without any ink /hand correction or color coding along with compliance of the conditions stipulated above.

This approval/permission does not absolve you from obtaining necessary permission/clearances from other authorities or under other statutes as applicable.

All necessary safety precautions shall be taken to prevent accident.

Yours faithfully

(S.K. GUPTA)

Dy. Chief Controller of Explosives  
for Chief Controller of Explosives

Copy forwarded to The Dy. Chief Controller of Explosives, Vadodara. He is requested to inspect the subject facilities as and when approached by the applicant and submit his detailed report for further necessary action.

for Chief Controller of Explosives

ANNEXURE 13: COPY OF EC ADVERTISEMENT IN THE TIMES OF INDIA ON MARCH 11, 2019

THE TIMES OF INDIA, AHMEDABAD  
MONDAY, MARCH 11, 2019

TIMES NATION

11

## Hookah drag has more carbon monoxide than cigarettes: Study

### 'Usage Higher Among Boys Than Girls'

Durgamkhan, Jha  
@durgamkhan\_jha

New Delhi: A leisurely drag of a shisha bar may not be as innocuous as it appears. A new study has found that a single session of smoking hookah results in greater exposure to carbon monoxide than a full stick of cigarette. Short-term exposure at high levels can produce toxicity and interfere with exercise capacity.

In a scientific statement published in *Circulation*, an international medical journal, the American Heart Association (AHA) has warned that hookah smoke contains significantly higher levels of heavy and more toxic hydrocarbons than cigarette smoke. It also has cardiovascular risks similar to those of cigarettes.

### HOW HOOKAH AFFECTS HEART AND LUNGS

**SHORT-TERM USE** | Increases heart rate by 8 to 10 beats per minute, systolic blood pressure by 3 to 16 mm/Hg and diastolic blood pressure by 2 to 14 mm/Hg. There is increase in coronary blood flow.

**LONG-TERM USE** | 3-fold increased risk of heart attack on life time exposure exceeding 40 water-pipe years (2 water pipes per day for 20 years or 1 water pipe for 40 years).

nicotinic compounds and heavy metals like cadmium and lead that can injure the blood vessels and the heart. Though there are only a few long-term studies on the impact of shisha smoking, experts agreed that the AHA statement should serve as a warning to those who consider hookah harmless. "It is a new habit among youngsters, and parents tend to overlook the habit because public perception is that shisha is less harmful than cigarette smoking. The AHA statement puts the risks in perspective," said Dr. Anoop Mishra, chairman, Fortis C-DOC.

A US survey found that in 2014 around 10% of 12th grade students had used hookah in the past year. The usage was higher among boys (25%) than girls (9%). CDC's National Youth Tobacco Survey also found a significant increase in hookah smoking in that country.

A doctor said, "In Delhi and the National Capital Region, hookah bars have proliferated. The activity should be banned immediately. After the government should start campaigns to break the myth of hookah being harmless."

## Gurgaon rape accused held after 3 years

New Delhi: A man wanted in a rape case for the past three years was arrested on Sunday in Gurgaon, police said. Rahul Verma, 30, was arrested in a case filed in 2016.

On February 10, 2016, a woman had lodged a complaint alleging that Verma, who was known to her since 2011, had taken her to Gurgaon, where he offered her a cold drink laced with sedatives. She lost consciousness, he allegedly raped her and filmed the act, police said.

She had further alleged that the accused arrested her in the night and threatened to share her photographs and video clips on social networking sites. Verma was arrested in a case registered in this regard at Kotla Mubarakpur police station in Patna.

A case was registered in this regard at Kotla Mubarakpur police station in Patna. A case was registered in this regard at Kotla Mubarakpur police station in Patna. A case was registered in this regard at Kotla Mubarakpur police station in Patna.

## Can prisoners be allowed to vote, HC asks Centre and EC

Abhinav Darg  
@abhinavdarg

New Delhi: Can prisoners be allowed to vote? Delhi High Court has sought the views of the Centre, Election Commission of India and prison authorities in the capital on a plea seeking to grant and facilitate voting rights to all people lodged in jails across the country.

A prisoner on a petition goes to jail, he loses voting rights except in the case of detainees, who form a separate class of inmates.

A bench of Chief Justice Ranjana Khosla and Justice V.R. Krishna Rao asked the government to file a response to the petition by the end of the month.

The petition says that all people in any kind of confinement either in jails or police stations or in any other place should be allowed to vote and exercise their rights as citizens. The petition also seeks to ensure that the rights of prisoners are not violated and that they are not discriminated against.



The Delhi HC is hearing a petition filed by a law student seeking to grant voting rights to all people lodged in jails across the country.

The petition says that all people in any kind of confinement either in jails or police stations or in any other place should be allowed to vote and exercise their rights as citizens. The petition also seeks to ensure that the rights of prisoners are not violated and that they are not discriminated against.

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## Crooks fake e-commerce site, dupe user of ₹52k

Tarun News Network

New Delhi: The cautious while searching for e-commerce websites on the internet are being duped by crooks who have set up fake e-commerce sites and are using the names of well-known e-commerce sites to lure users. A recent case reported by a user of a popular e-commerce site shows how a crook managed to dupe a user of ₹52,000.

The user, who is a resident of Delhi, reported that he had been duped by a crook who had set up a fake e-commerce site. The crook had used the name of a well-known e-commerce site to lure the user. The user had paid ₹52,000 to the crook, who had then disappeared.

MODUS OPERANDI

1. Fraudsters take popular e-commerce websites where they post take customer care numbers.

2. Whenever someone calls for an issue, they make the person feel that the issue is related to the e-commerce site and transfer the money.

3. Check website link, properly and security certificates

4. Don't access sites after getting risk alerts

king and mocked her saying, "Ab paise gane" (now your money is gone).

Quipa, who runs a shop in Rohini Sector-24 in New Delhi, said that the crook had ordered a handbag from a popular e-commerce website but was not satisfied with the quality of the product and so decided to return it. On March 1, her daughter got the number of the customer service representative of the portal after googling it.

"The man posed as a representative and while talking to my daughter he managed to make her share the account details on the pretext of transferring the refund amount. I soon started receiving messages of withdrawal requests. From my account and before I could get the card blocked, the man had already taken ₹52,000," Gupta said.

The crook shared the incident with her bank officials and asked them if it was safe to keep the money. The bank advised her to close the account and to report the matter to the police.

Cops said fraudsters have been using the names of popular e-commerce sites to lure users. They have been using the names of popular e-commerce sites to lure users. They have been using the names of popular e-commerce sites to lure users.

mock me, he sent me a message on WhatsApp showing the transfer of ₹52,000 to his account. I called him and asked him to return the money. He refused to do so and threatened to harm me if I did not pay him more money. I was terrified and did not know what to do. I called the police and reported the matter. The police are currently investigating the case.

The user, who is a resident of Delhi, reported that he had been duped by a crook who had set up a fake e-commerce site. The crook had used the name of a well-known e-commerce site to lure the user. The user had paid ₹52,000 to the crook, who had then disappeared.

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king to my daughter he managed to make her share the account details on the pretext of transferring the refund amount. I soon started receiving messages of withdrawal requests. From my account and before I could get the card blocked, the man had already taken ₹52,000," Gupta said.

The crook shared the incident with her bank officials and asked them if it was safe to keep the money. The bank advised her to close the account and to report the matter to the police. Cops said fraudsters have been using the names of popular e-commerce sites to lure users. They have been using the names of popular e-commerce sites to lure users. They have been using the names of popular e-commerce sites to lure users.

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## Minor girl raped, killed in Punjab

Landhara: A seven-year-old girl was raped and killed by a man in Punjab. The case is currently under investigation by the police.

The girl's father was informed about the incident by a neighbour. He immediately reported the matter to the police. The police are currently investigating the case.

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## M/s Minor Port Pvt Ltd

SP Centre, 4144, Minoo Desai Marg, Colaba, Mumbai - 400005  
(Maharashtra), Phone: 022-6749 0400 / Fax: 022-6749 0422

**PUBLIC NOTICE**  
Government of India, Ministry of Environment, Forest and Climate Change, India. Paryavaran, Ganga, Jyoti, Bapu Road, New Delhi-110 003 has accorded Environment and CRZ Clearance for Extension of Breakwater at Chhara Port, Village Chhara-Sardar, Taluka Kothar, Dist. Gt. Somnath, Gujarat.

M/s Minor Port Pvt. Ltd. on 05th March 2019.  
The copy of Environment Clearance Letter is available with Gujarat Pollution Control Board and uploaded on website of Ministry of Environment and Forest and climate change, link for website is: <http://www.environmentclearance.gov.in/DownloadForm-1A/EC/30520191615053MinorPortPvt>  
Place: Mumbai  
Date: 6th March 2019

**HPCL SHAPOORI ENERGY PVT LIMITED (NSEPL)**  
Third Floor, Wing West, Fortis Building, Chhatrapati Shivaji Maharaj, Mumbai - 400 001 Tel: No: +91-22-66343740

**PUBLIC NOTICE**  
General public is hereby informed that the Environment Clearance for the Project Development of LNG Storage and Regasification Terminal at Village Chhara, Taluka Kothar, Dist. Gt. Somnath, Gujarat by HPCL Shaapoori Energy Pvt. Ltd. has been accorded by Ministry of Environment, Forest and Climate Change (MoEF & CC) on 05th March 2019.

The copy of Environment Clearance Letter is available with Gujarat Pollution Control Board and may also be seen at website of Ministry of Environment and Forest at <http://envfor.mca.gov.in>.  
Sr. Manager (Projects)

## BEATING SUMMER HEAT, THE CHIMP WAY

KEEPING COOL: With temperature soaring, Mysuru zoo has added more fruits to the diet of its inmates. While sprinklers have been installed at enclosures to keep animals stay cool under the blazing sun, chimpanzees and African apes are being served tender coconuts. Mysuru's temperature has soared to 37.8 degrees celsius, a record in the past five decades. Officials said from providing tender coconuts, fresh fruit juices to electrolyte-enhanced water to animals, the zoo has been giving special attention to keep the animals hydrated. The quantity of fruits with high water content has been increased.



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## IMD: Heat wave unlikely for another wk

Mumbai: Maharashtra and many parts of the country - barring the coastal regions of the southern peninsula - may escape heat wave conditions, at least in the next one week, officials at the India Meteorological Department (IMD) told TOI on Saturday.

Though the temperatures are expected to rise in the core summer months of March, the season this year continues to be milder than usual, when heat waves conditions started by early March.

Met officials said even heat prone zones of Maharashtra and Vidarbha may only experience "heat" but not "extreme heat" in the next one week, and a full blown heat wave is unlikely during this period.

Heat wave conditions are likely to appear during the last week of March and only in isolated parts of Vidarbha, east Maharashtra, south-eastern peninsula India (viz. Telangana, coastal Andhra Pradesh, Rayalaseema, north-eastern Karnataka), south Chhattisgarh and south Odisha.

## Maha moots quota for medical aspirants promising rural service

Chandigarh: The Maha moots quota for medical aspirants promising rural service. The quota is for students who have promised to serve in rural areas for a period of five years.

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## From stubble to tableware: Cos turn burning problem into profitable biz

Punjab has 1.5 lakh acres of land under stubble cultivation. Every October after the harvest, these fields are left with crop residue, also known as stubble or straw, which farmers usually burn to prepare their fields for the wheat crop. The smoke often causes air pollution in Delhi and other parts of north India. But now some firms are not only turning stubble into money but also saving lives in the process.

Parag Energy Pvt. Ltd. a three-year-old business based in Ludhiana's Bija village, is run by two brothers, Balraj and Kamaljit Singh. The brothers have started a business of converting stubble into briquettes. The briquettes are used as a fuel for cooking and heating. The business is profitable and has helped in reducing the pollution caused by stubble burning.

The briquettes are made by compressing the stubble into briquettes. The briquettes are used as a fuel for cooking and heating. The business is profitable and has helped in reducing the pollution caused by stubble burning. The briquettes are made by compressing the stubble into briquettes. The briquettes are used as a fuel for cooking and heating. The business is profitable and has helped in reducing the pollution caused by stubble burning.

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[illegible]

**ANNEXURE 15: COPY OF LETTER FORWARDED TO THE REGIONAL OFFICE OF THIS MINISTRY  
AT BHOPAL, DATED MARCH 20, 2019**



**HPCL SHAPOORJI ENERGY PVT LTD**

**Ref no. HSEPL/MOEFCC/2018-19/001**

**Date: 20-Mar-2019**

To,  
Additional Principal Chief Conservator of Forests (C),  
Ministry of Environment, Forest and Climate Change,  
Regional Office (WZ),  
E-5, Kendriya Paryavaran Bhawan,  
E-5 Arera Colony, Link Road-3,  
Ravishankar Nagar,  
Bhopal – 462016

**Subject: Submission of copies of advertisement for grant of environmental and  
CRZ clearance to the project `Development of LNG storage and re-gasification  
terminal at village Chhara Taluka Kodinar, District Gir Somnath, Gujarat by M/s  
HPCL Shapoorji Energy Ltd (HSEPL)**

**F. No.: 11-01/2014-IA-III**

**Proposal No.: IA/GJ/MIS/61501/2014 dated 23-Feb-14**

Dear Sir,

With reference to the Proposal (No.: IA/GJ/MIS/61501/2014) dated 23-Feb-14 with file no. 11-01/2014-IA-III, HPCL Shapoorji Energy Pvt. Ltd. (HSEPL) has received grant for the project `Development of LNG storage and re-gasification terminal at village Chhara Taluka Kodinar, District Gir Somnath, Gujarat on 5-Mar-2019.

As per the EC letter, "The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal."

**Corporate Office** Third Floor - West Wing, Forbes Building, Charanjit Rai Marg, Fort, Mumbai - 400001.

**Registered Office** Venus Amadeus, 301-305, 3rd Floor, Jodhpur Cross Road, Satellite, Ahmedabad - 380015.

**Tel** 022 62796666

**CIN** U40101GJ2013PTC077228

Page 1 of 2

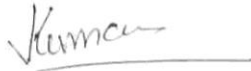


Complying to above requirement, an advertisement was published on 11-Mar-2019, in following Newspapers:

1. Times of India – Ahmedabad Edition (English) dated 11-Mar-19.
2. Kesari – Junagadh Edition (Gujarati) dated 11-Mar-19.

The copies of aforesaid advertisements of EC in newspapers are attached herewith for the records of your good office.

Thanking You,







(Vinod Kumar)  
Sr. Project Manager.

**Enclosed:**

1. EC letter dated 5-Mar-19
2. Advertisement in Times of India (English) – Ahmedabad Edition dated 11-Mar-19
3. Advertisement in Kesari (Gujarati) – Junagadh Edition dated 11-Mar-19

**ANNEXURE 16: "CERTIFICATE" FROM TALUKA HEALTH OFFICE FOR DONATING THE MEDICAL EQUIPMENTS**

|  |  |   |
|--|--|---|
| <br>राष्ट्रीय स्वास्थ्य मिशन  | <b>TALUKA HEALTH OFFICE - KODINAR</b><br>CHC COMPOUND, NEAR TALUKA PANCHAYA, KODINAR, DIS. GIR SOMNATH<br>PHONE - 02795-220030, EMAIL - thokodinar.health.junagadh@gmail.com | <br>स्वच्छ भारत<br>एक कदम स्वच्छता की ओर |
|   |  | DATE - 21/05/2021   |
| <b><u>CERTIFICATE</u></b>  |  |   |
| <p>THIS IS TO CERTIFY THAT WE TALUKA HEALTH OFFICE KODINAR HAS RECEIVED.</p> <ul style="list-style-type: none"><li>(1) FIVE NOS - BIPEP MACHINE (BMC)</li><li>(2) FIVE NOS - OXYGEN CONCENTRATOR (EVOXS)</li><li>(3) ONE NOS - VENTILATOR (RESPIWIN)</li></ul> <p>AS A DONATION FROM <b>HPCL SHAPOORJI ENERGY PVT. LTD.</b> ON 21MAY 2021. FOR BETTERMENT OF COVID 19 PATIENT COMING FOR TREATMENT HERE AT GOVERNMENT COVID CARE CENTER AT KODINAR (DIST - GIR SOMNATH).</p> <p>TALUKA HEALTH OFFICE KODINAR AND GIR SOMNATH DISTRICT ADMINISTRATION HIGHLY APPRICIATE THE EFFORTS SHOWN BY <b>HPCL SHAPOORJI ENERGY PVT. LTD.</b> IN FIGHTING COVID 19 PANDEMIC SITUATIONS.</p> |  |   |
| <br>Taluka Health Officer<br>Kodinar   |  |   |

## ANNEXURE 17: PHOTOGRAPHS



Drinking water facility provided at construction site



Water Sprinkling at site



Construction workers using PPEs



Sanitation facility at Construction site



DG Set at Construction site





Safety slogans at Construction site



Fencing at construction site

Emergency Assembly point at construction site



HSE Training Center at Site

First Aid Center at Site





Medical facilities provided at Site



Tree plantation - World Environment Day Celebration @ 5<sup>th</sup> June, 2021

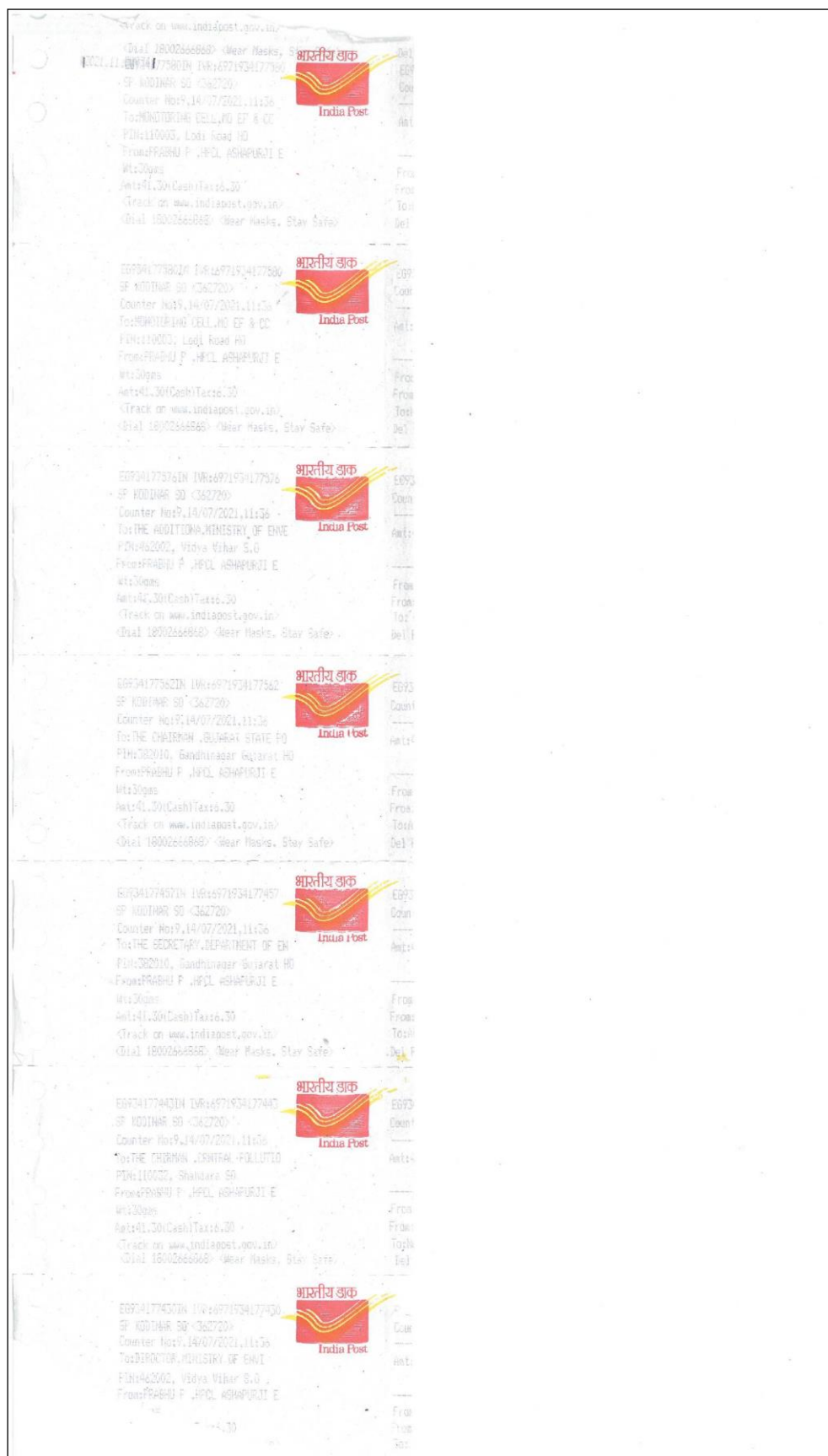


Safety awareness training and meetings at construction site



Motivational program at construction site

**ANNEXURE 18: COPY OF LETTER, REGARDING HPLNG (FORMERLY KNOWN AS HSEPL) STRUCTURE CHANGE; SUBMITTED TO MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE, DATED 22ND JUNE, 2021.**







## HPCL SHAPOORJI ENERGY PVT LTD

(A 100% subsidiary of Hindustan Petroleum Corporation Ltd)

Ref. No. HSEPL/MOEFCC/2021/005

Date: 22<sup>nd</sup> June 2021

To,

Director(s)  
Ministry of Environment, Forests and Climate Change  
Regional Office (WZ)  
E – 5, Kendriya Paryavaran Bhawan  
E – 5, Arera Colony, Link Road # 3, Ravi Shankar Nagar,  
Bhopal – 462 016 (M.P.)

Subject : Change in Corporate Structure of HPCL Shapoorji Energy Private Limited.

References : 1. Letter No: MOEFCC letter F. No. 11-01/2014-IA-III dt 05-03-2019  
2. Online proposal submission: IA/al/MIS/61501/2014 dt 23-02-2017

Respected Sir(s),

This has reference to permission received from MOEFCC vide letter no-F. No. 11-01/2014-IA-III dt 05-03-2019 for Development of LNG storage and re-gasification terminal at village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat. Copy is enclosed as attachment-1.

In our submission vide our proposal dated 23<sup>rd</sup> February 2017, it was mentioned that HPCL Shapoorji Energy Private Limited (HSEPL) have structure as follows

| Entity                                  | Shareholding |
|---|--------------|
| Hindustan Petroleum Corporation Limited | 50%          |
| SP Ports Private Limited                | 50%          |

We are pleased to inform you that HPCL Shapoorji Energy Private Limited (HSEPL) is now fully acquired by Hindustan Petroleum Corporation Limited (HPCL) on 30<sup>th</sup> March 2021, by acquiring 50% stake in HSEPL held by M/s SPPPL. With this, HSEPL has become a 100% subsidiary of HPCL, and change in HSEPL shareholding is as follows;

Corporate Office Third Floor - West Wing, Forbes Building, Charanjit Rai Marg, Fort, Mumbai - 400001.

Registered Office Venus Amadeus, 301-305, 3rd Floor, Jodhpur Cross Road, Satellite, Ahmedabad - 380015.

Tel 022 62796666

CIN U40101GJ2013PTC077228

Page 1 of 2

**Revised Shareholding:**

| Entity                                  | Shareholding |
|---|--------------|
| Hindustan Petroleum Corporation Limited | 100%         |

This is for your kind information and records.

Thanking you,

Yours faithfully,  
For HPCL Shapoorji Energy Private Limited

  
B. Sessa Chary  
GM - Projects

Copy to:

- 1) The Secretary, Department of Environment & Forest, Govt. Of Gujarat, Secretariat, Gandhinagar – 382010
- 2) Central Pollution Control Board, Parivesh Bhavan, Aatmajyoti Ashram Rd, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara, Gujarat 390023
- 3) Gujarat Pollution Control Board, Paryavaran Bhavan, Opp. Bij Nigam, CHH Road, Sector 10A, Gandhinagar, Gujarat 382010
- 4) Gujarat Pollution Control Board, Regional Office, 'Pankaj Bungalow', Opp. Saint Anne's Church, Station Road, Junagadh – 362001
- 5) The Additional Principal Chief Conservator of Forests, Ministry of Environment, Forest and Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal - 462016, Madhya Pradesh.
- 6) Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi