



HPCL LNG LIMITED

(100% subsidiary of Hindustan Petroleum Corporation Limited)

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

CIN No: U40101GJ2013GOI077228

Chhara LNG Terminal, Plot No. 866-867, Village - Chhara, Tal – Kodinar, Gir Somnath, Gujarat Pin – 362720.

Tel.: 6357172290 Website: www.hplng.in

Ref. No. HPLNG/MOEFCC/2024/002

Date: 23.07.2024

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 **Dec'23 to May'24**.

Reference:

1. Environmental Clearance vide **F. No. 11-01/2014-IA-III Dated 5th March 2019**
2. Environmental Clearance vide **F. No. 11-01/2014-IA-III Dated 30th May 2022**

Dear Sir,

This has reference to the above permission granted by MoEF&CC vide letter F. No. 11-01/2014-IA-III Dated 5th March 2019 for Development of LNG Storage and re-gasification terminal at village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat. We wish to submit that we have applied for name change of the company and received the Environment Clearance vide letter F. No. 11-01/2014-IA-III dated 30th May 2022 as referred above.

As per Clause (iii) of Part B: General Conditions of the Environment Clearance, we are required to submit six-monthly monitoring report to the regional office of the ministry. Further, as per MoEF&CC's OM ref. F. No. IA3-22/1/2022-IA-III [E-172624] dated 14th June 2022 the six-monthly compliance report to be submitted through PARIVESH Portal. However, due to technical issue we are unable to submit the compliance report through PARIVESH Portal.

Accordingly, we are submitting herewith six months the EC compliance report thru e-mail for the period of **December 2023 to May 2024** on implementation of various conditions of EC as per clause 10 of EIA notification, 2006 & amended till date. We have taken up with technical team of PARIVESH portal for resolving the issue and will be submitting the compliance report on PARIVESH Portal at earliest.

We hope you will find this in order.

Thanking you,

Very Truly Yours



B. Seshu Chary
B Seshu Chary
Plant Head



Encl.: As above

Copy to:

- 1) The secretary, Department of Environment & Forest, Govt. Of Gujarat, Block No. 14, 8th 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.





M/s. HPCL LNG LIMITED

EC Compliance Report –

Development of LNG Storage and Re-gasification Terminal at village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat

December 2023 to May 2024



M/s. HPCL LNG LIMITED

EC Compliance Report

About Project	3
Compliance Status on Environmental Clearance	4

Annexures

Annexure 1: Compliance with Recommendations of GCZMA and PCCF	12
Annexure 2: M/s. Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the EC condition	20
Annexure 3: Ambient air quality monitoring, water and Noise monitoring results for HPLNG Site done by M/s. Excel Enviro Tech, Ahmedabad	31
Annexure 4: Copy of Consent to Establish (CTE)	47
Annexure 5: Copy of Authorization letter from Gujarat Maritime Board (GMB) to construct and maintain LNG Terminal at Chhara Port	56
Annexure 6: Copy of clearance letter submitted to District Development Officer of Gir Somnath District	61
Annexure 7: Copy of clearance letter submitted to Taluka Development Officer of Kodinar, District Gir Somnath	62
Annexure 8: Copy of clearance letter submitted to Municipal Corporation, Kodinar	63
Annexure 9: Copy of clearance letter submitted to Gujarat Pollution control Board, RO, Junagadh	64
Annexure 10: Copy of Permission letter for Construction of LNG Import, Storage, regasification Terminal at Chhara from PESO	65
Annexure 11: Copy of Letter for Approval for construction of Jetty for handling of LNG at Chhara Port from PESO	69
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	72
Annexure 13: Copy of EC advertisement in The Times of India on March 11, 2019	78
Annexure 14: Copy of EC advertisement in Gujarat Kesari on March 11, 2019	79
Annexure 15: Copy of letter forwarded to the Regional office of this Ministry at Bhopal, dated March 20, 2019	80
Annexure 16: "CERTIFICATE" from Taluka Health Office for donating the medical equipments	82
Annexure 17: Photographs	83

SIX MONTHLY COMPLIANCE OF ENVIRONMENTAL CLEARANCE FOR THE MONTH DECEMBER 2023 TO MAY 2024

M/s. HPCL LNG LIMITED.
(Ref: FILE NO: 11-01/2014-IA III DATED 5TH MARCH 2019)

About Project:

M/s. HPCL LNG LTD. "HPLNG" 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 5th 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 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, HPLNG applied for name change application in EC letter with Ministry of Environment Forest and Climate Change (MoEFCC) with Proposal No. IA/GJ/IND2/263246/2022 dated 24/03/2022.

The Environmental Clearance has been transferred in the name of HPLNG vide letter F.No. 11-01/2014-IA-III dated 30th May 2022, for development of LNG storage and Re-gasification Terminal at Village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat.

LNG Terminal site development activities commenced from September 2019. The project has achieved its mechanical completion on 28th March 2023 and currently all facilities are under nitrogen pressurization, kept ready for commissioning.

A. Compliance Status on Environmental and CRZ Clearance

S. No.	Condition	Status	Status of Compliance
A	Specific Conditions		
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. 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 Annexure -1
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 LNG Terminal 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 Annexure-2 , 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 Devli Village. Ground water is not being used as water source during construction and operation phase. No ground water tapping. Ground water is being monitored; water analysis reports are attached as Annexure 3 .
vii.	Based on the Comprehensive Marine EIA study done by National Institute of Oceanography (NIO) as submitted with EIA/EMP report, a	Will be Complied	Please refer Annexure 2 wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.

S. No.	Condition	Status	Status of Compliance
	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.		
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 micros, macro and mega floral and faunal components of marine biodiversity.	Will be complied	Please refer Annexure 2 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 ₂ , NO _x and CO from the stack. HC and CO to be included in the regular AAQ monitoring.	Will be complied	The Online stack monitoring devices have been Installed and the regular monitoring shall be carried out during plant operation.
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 simultaneous handling of coal and LNG in close vicinity	Complied	Emergency Response & Disaster Management Plan has been prepared, approved by HPLNG Board and submitted to PNGRB.
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	Will be complied	Please refer Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.

S. No.	Condition	Status	Status of Compliance
	fisherman communities in the villages of Dhamleg, Muldwaraka, Chhara, Madhwad, Kotrada and Velna.		
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 Annexure 2 , 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	HPLNG has completed construction activities, now terminal is ready for commissioning.
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. For construction stage, solid waste is 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.	Will be complied	Please refer Annexure 2 , 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 to the RO, MoEF&CC along with half yearly compliance report.	Will be complied	Mitigation measures like Covering trucks to prevent dust emission, temporary sanitation facilities and water tanker from nearby villages are being complied. All the mitigation measures submitted in the EIA report will be implemented. Ambient air quality and Noise level monitoring results for the site are attached as Annexure 3 .

S. No.	Condition	Status	Status of Compliance
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.	Complied	<p>Corporate Environment Responsibility (CER) plan shall be prepared and implemented.</p> <p>HPLNG has received "CERTIFICATE" from Taluka Health Office for donating 2 TPD (1000 LPM) Medical oxygen plant PSA Plant.</p> <p>As a part of CER HPLNG has established a health centre at Superintendent Office, Inaj at Gir Somnath</p> <p>Certificate for the same is attached as Annexure 16.</p>
B	General Conditions		
i.	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied	Ground water analysis reports are attached as Annexure 3 .
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 MoEFCC/ 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.	Complied	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 acknowledges that MoEFCC and other competent authority may stipulate additional conditions or modify the existing ones. HPLNG will comply with the conditions as stipulated by MoEFCC/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 the Ministry.	Agreed	
vi.	In the event of a change in project profile or change in the	Agreed	HPLNG has applied and received Environmental Clearance vide letter

S. No.	Condition	Status	Status of Compliance
	implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest, and Climate Change.		F.No. 11-01/2014-IA-III dated 30th May 2022 upon change in name.
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 achieved financial closure on 29th January 2022. Common Rupee Loan Agreement was signed between HPLNG and State Bank of India (SBI).</p> <p>HPLNG 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 Annexure 4 Validation extension also attached as Annexure 4.1.</p> <p>HPLNG Has received consolidated consent and authorisation (CCA) from GPCB dated 05.04.2024 vide order no. AWH-133521, which is attached as Annexure 4.2</p> <p>HPLNG 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 Annexure 5.</p> <p>Provisional commissioning permission obtained from GMB dated 27.12.2023. Attached as Annexure 5.1</p>
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 Annexure 6 for copy of clearance letter submitted to District Development Officer of Gir Somnath District.</p> <p>Please refer Annexure 7 for copy of clearance letter submitted to Taluka Development Officer of Kodinar – District Gir Somnath</p> <p>Please refer Annexure 8 for copy of clearance letter submitted to Municipal Corporation, Kodinar, District Gir Somnath.</p>

S. No.	Condition	Status	Status of Compliance
ix. z z	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.	Being complied	<p>Please refer Annexure 10 for Permission for Construction of LNG Import, Storage, regasification Terminal at Chhara from PESO</p> <p>Please refer Annexure 10.1 for Commissioning permission for storage and handling of LNG storage tanks with allied facilities by PESO.</p> <p>Please refer Annexure 11.1 permission for handling, storage and regasification of LNG Jetty, Chhara terminal</p> <p>Annexure 12.1 for Approval of commissioning permission of 2 no's Dia 36.0000 Inch X Length 1.7000000 km unloading pipelines of LNG From CHHARA LNG JETTY HEAD To LNG Storage Tank from PESO.</p> <p>Please refer Annexure 12.2 for Approval of conditional commissioning permission of 1 no of Dia 12.0000 Inch X Length 1.7000000 km from LNG jetty head TO BOG compressor having Product Name Natural Gas pipeline 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	Complied	<p>Please refer Annexure 13 for copy of EC advertisement in The Times of India on March 11, 2019.</p> <p>Please refer Annexure 14 for copy of advertisement in Gujarat Kesari on March 11, 2019.</p> <p>Please refer Annexure 15 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
	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.		
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 www.hplng.in under regulatory requirements 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 Annexure 6 for copy of clearance letter submitted to District Development Officer of Gir Somnath District.</p> <p>Please refer Annexure 7 for copy of clearance letter submitted to Taluka Development Officer of Kodinar – District Gir Somnath</p> <p>Please refer Annexure 8 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 www.hplng.in under regulatory requirements section.

S. No.	Condition	Status	Status of Compliance
11	The project proponent shall also submit six monthly reports on the status of compliance of the 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.	Complied	Six-monthly monitoring report is being submitted to the Ministry and HPLNG 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.	Complied	The six-monthly compliance reports have been uploaded on www.hplng.in under regulatory requirements 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 Annexure 2 wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition. 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 Annexure 2 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 Annexure 2 , 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 Annexure 2 , 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 Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.
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 consultation with Forests	Will be complied	Please refer Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.

S. No.	Recommendation	Status	Status of Compliance
	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 Annexure 2A .
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 Annexure 1 – PCCF Conditions
8.	The HPCLSEPL shall not start any construction activity without obtaining Environmental Clearance and CRZ clearance from the MoEF&CC, GOI.	Complied	HPLNG has received EC and CRZ clearance for the construction activity vide letter no. F. No. 11-01/2014-IA-III, Dated 5 th 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 Annexure 2 , 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 implemented strictly by M/s HPCLSEPL	Will be complied	Please refer Annexure 3
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	Complied	As per EIA report by NEERI, there are no mangroves at project site

S. No.	Recommendation	Status	Status of Compliance
	guidance / supervision of the reputed institute / organization.		
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	All the debris are removed from site and disposed as per statutory guidelines.
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, being complied	Photographs are given in Annexure 17.
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 Annexure 2 , 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 environmental impacts of the proposed activities.	Complied	HPLNG agrees to bear the cost of external agency.
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	Will be complied	Please refer Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments

S. No.	Recommendation	Status	Status of Compliance
	the Gujarat Ecology Commission/ Forest Department by M/s HPCLSEPL.		regarding compliance of the condition. PCCF has responded to the SPPL letter no. SPPL/Chhara/80/2019. PCCF letter is attached as Annexure 2A .
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.	Being complied	As a part of CER and to help local administration in fighting COVID19 pandemic, HPLNG (formerly known as HSEPL) distributed Oxygen Concentrators & Ventilators. "CERTIFICATE" received from Taluka Health Office for donating the medical equipments Certificate for the same is given as Annexure 16 The Project is currently in construction stage. CSR activities will be planned upon commencement of commercial operations of the LNG Terminal.
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 along with the compliance report.	Will be complied	Please refer Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.
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.	Being Complied	Qualified personnel have been deputed for environmental monitoring and management during construction phase and for operation phase HPLNG will set up HSE department.
23.	Environmental Audit report indicating the changes, if any, with respect to the baseline environmental quality in the	-	Not applicable to period under review.

S. No.	Recommendation	Status	Status of Compliance
	coastal and marine environment shall be submitted every year by M/s HPCLSEPL to this Department as well as to the MoEF&CC, GOI.		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	Complied	Six-monthly monitoring report Is being submitted to the Ministry and HPLNG 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	
PCCF Conditions			
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 generate significant traffic of more than 1000 trucks per day during operation.	Will be complied	Please refer Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.
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 Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.

S. No.	Recommendation	Status	Status of Compliance
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 Annexure 2 , 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 Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.
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 conflict is minimal. The traffic management plan as proposed in report is necessary.	Will be complied	Please refer Annexure 2 , wherein 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	Will be complied	Please refer Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition.

S. No.	Recommendation	Status	Status of Compliance
	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.		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.	Will be complied	Please refer Annexure 2 , 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 section 7.4 page xix). It may be recommended that the community toilets and safety of labourers from wildlife is ensured.	Complied	Adequate facilities are provided.
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 Annexure 2 , 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 Annexure 2 , wherein Simar Port Pvt. Ltd. (SPPL) has given its comments regarding compliance of the condition. PCCF has responded to the SPPL Letter no. SPPL/Chhara/80/2019.

S. No.	Recommendation	Status	Status of Compliance
			PCCF Letter is attached as <i>Annexure 2A.</i>
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 <i>Annexure 2,</i> 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 <i>Annexure 2,</i> 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 <i>Annexure 2,</i> 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: 16th July 2024

Ref: SPPL/Chhara/102/2024

To,

Chief Executive Officer

HPCL LNG Ltd.,

Priyadarshini Building, Fifth Floor, A Wing

Sion-Trombay Road, Eastern Express Highway,

Sion, Mumbai – 400022

Kind Attn.: **Mr. Debasish Goswami**

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
1	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	
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.	Shoreline will not be disturbed due to any activity. Shoreline studies carried out by M/s Merizen (<i>report attached as Annexure-1</i>) Periodical monitoring of shore-line changes will be carried out 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.	Complied. Comprehensive Marine EIA was carried out by CSIR-National Institute of Oceanography (Council of Scientific and Industrial Research), the report 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,

Simar Port Private Limited

Corporate Identification No. U35110GJ2008PTC0054507

SP Centre, 41/44, Minoo Desai Marg, Colaba, Mumbai 400005, India.

(T) +91 22 67490000 (F) +91 22 67490017 website: www.shapoorjiipallonji.com

Regd. Office: Land Survey number 840/P1/P5, Village Chhara Gir Somnath, Kodinar, Gujarat 362720 India.



2

S. No.	Action Point	SPPL Comment
	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 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.	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 the complete spectrum of marine biology is also covered.
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.	Noted and the same will be complied. Marine ecology monitoring will be initiated during operation phase.



S. No.	Action Point	SPPL Comment
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, Muldwaraka, Chhara, Madhwad, Kotrada and Velna.	Will be complied in Operation Phase. During operation phase, SPPL will adhere to guidelines of MoEF&CC OM dated 1 st 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. 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.	Noted and same is Complied. 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	Compliance under Letter No. ENV-10-2016-50-E (T Cell) dated 2nd February 2017 – CRZ Clearance from Forest & Environment department, Govt. of Gujarat, for development of LNG storage and re-gasification terminal at village Chhara, Taluka Kodinar, District Gir Somnath, Gujarat	
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 HPCLSEPL	Noted and same is complying. SPPL ensures that CRZ Notification is strictly adhered to.
8)	S. No. 2 - The HPCLSEPL shall ensure that adequate numbers underpasses are	Noted and same will be designed in consultation with the Forest Department.

S. No.	Action Point	SPPL Comment
	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.	This has been considered in the traffic management plan. Basis of the traffic management plan for external connectivity, SPPL has identified suitable location for the development of animal underpass and is in the process of construction of the same.
9)	S. No. 3 - The HPCLSEPL 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	Noted and same will be complied. This has been considered in the traffic management plan. A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019. SPPL has finalized the location for animal underpass in consultation with local authorities and the same is in the process of construction.
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	Noted and same will be complied. Marine Conservation center will be developed during operation phase.
11)	S. No. 5 - The HPCLSEPL 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 fund for the cause of conservation and conflict management with "Lion Conservation Society" on annual basis at the time of port operation phase.
12)	S. No. 6 - 100 m green belt shall be developed by the HPCLSEPL outside the hard boundary. i.e., after the footprint of layout of the plant, in consultation with Forests Department and	Noted and will be complied in Operation Phase. SPPL had meeting with Head Forest Department and has submitted formal request for planning and undertaking work of green belt development. Copy of letter was submitted vide EC compliance Report for the period April 2019 - September 2019.

S. No.	Action Point	SPPL Comment															
	maintenance will be done by HPCLSEPL.	Due to descopeing of the Project, SPPL is in the process of approaching the MOEF&CC for modification in greenbelt requirements.															
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	<p>Noted and the same will be complied.</p> <p>Dredging disposal location was decided as per the scientific study done by HR Wallingford Ltd and coordinates are as follows;</p> <p>Location for dredging was decided based on studies by HR Wallingford Ltd. Dredging material shall be disposed off at designated location as approved by EAC. Locations decided for dredged material disposal are –</p> <table border="1"> <thead> <tr> <th>Limit</th><th>Site 1</th><th>Site 2</th></tr> </thead> <tbody> <tr> <td>Western Limit</td><td>70°40'15" E</td><td>70°39'00" E</td></tr> <tr> <td>Eastern Limit</td><td>70°41'15" E</td><td>70°40'00" E</td></tr> <tr> <td>Northern Limit</td><td>20°41'30" N</td><td>20°40'00" N</td></tr> <tr> <td>Southern Limit</td><td>20°40'30" N</td><td>20°39'00" N</td></tr> </tbody> </table> <p>Due care will be taken during the disposal to prevent any negative impact on the marine life, especially to the whale shark.</p>	Limit	Site 1	Site 2	Western Limit	70°40'15" E	70°39'00" E	Eastern Limit	70°41'15" E	70°40'00" E	Northern Limit	20°41'30" N	20°40'00" N	Southern Limit	20°40'30" N	20°39'00" N
Limit	Site 1	Site 2															
Western Limit	70°40'15" E	70°39'00" E															
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Northern Limit	20°41'30" N	20°40'00" N															
Southern Limit	20°40'30" N	20°39'00" N															
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	<p>Noted and same will be complied.</p> <p>SPPL has prepared Oil Spill Contingency Management Plan in line with the requirements of NOS-DCP and have submitted the same to Indian Coast Guard for approval. Port will be fully MARPOL compliant. All MARPOL regulations will be strictly enforced. Environmental safety will be top priority of the port operations.</p>															
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 HPCLSEPL.	<p>Noted & will be complied in Operation Phase.</p> <p>a) SPPL had meeting with Head Forest Department and has submitted formal request for planning and undertaking work of green belt development. Copy of letter was submitted vide EC compliance Report for the period April 2019 – September 2019. Forest dept. has written a letter to SPPL to submit</p>															

6

S. No.	Action Point	SPPL Comment
		<p>detail of greenbelt area allotted with demarcation on the map. SPPL has submitted their response to DCF, Junagarh with all the details. DCF, Forest department, Junagarh has reverted with letter in which he has suggested the native species to be used for greenbelt development. Accordingly green belt development work is being undertaken by SPPL.</p> <p>b) Work of mangrove plantation and participate in the Bio-Shielding projects taken-up by Environment GoG will be carried out through GEC/Forest Department during operation phase of the project</p> <p>c) Due to descoping of the Project, SPPL is in the process of approaching the MOEF&CC for modification in greenbelt requirements.</p>
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.	<p>Will be complied in Operation Phase.</p> <p>SPPL has initiated dialogue with Forest Department and requested for their support for Greenbelt development.</p> <p>SPPL has undertaken CSR activities & supporting as per the need assessment. The Sustainable Development Goal is to build a fully inclusive society for people with disabilities by 2030. Presently the area has a large number of Children with Special Needs (CWSN) and we want to your support as a CSR Donation to special school and rehabilitation centre. Refer Annexure-II as attached:-</p>
III	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.	
17)	S. No. 1 - The phase I of project envisaged 5 MTPA (million tonne per annum) of coal which is likely to	LNG will be evacuated majorly through pipeline and hence incremental vehicle movement due to LNG will be minimal.




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S. No.	Action Point	SPPL Comment
	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 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.	Noted and same will be complied. Once alignment is finalized, underpass will be provided on approach road in consultation with Gujarat Forest and Wildlife Department. 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.
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. A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019.
20)	S. No. 4 - The Pipavav Port the lion death due to accident	Noted and same will be complied.



S. No.	Action Point	SPPL Comment
	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. A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019. Location of underpasses is finalize.
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 conflict is minimal. The traffic management plan as proposed in report is necessary.	Noted and same will be complied. Underpass will be provided on approach road in consultation with Gujarat Forest and Wildlife Department. A report was submitted by the consultant for Traffic Management Plan for External Connectivity to the Port in August 2019. Location of underpasses is finalize.
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	This condition will be complied during the operation phase.



S. No.	Action Point	SPPL Comment
	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.	
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. 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. 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	Will be complied in Operation Phase.



10

S. No.	Action Point	SPPL Comment
	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.	SPPL had meeting with Head Forest Department and has submitted formal request for planning and undertaking work of green belt development. Copy of letter was submitted vide EC compliance Report for the period April 2019 – September 2019. Forest dept. has written a letter to SPPL to submit detail of greenbelt area allotted with demarcation on the map. SPPL has submitted their response to DCF, Junagarh with all the details. DCF, Forest department, Junagarh has reverted with letter in which he has suggested the native species to be used for greenbelt development. Due to descoping of the Project, SPPL is in the process of approaching the MOEF&CC for modification in greenbelt requirements.
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 management with "Lion Conservation Society" on annual basis.	Will be complied in Operation Phase. SPPL will earmark appropriate funds as per approved Lion Conservation Plan.
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. 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

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

3941-42
No. C/Land/T-13/ /2019-20
Office of The Deputy Conservator of Forests
Gir West Division Sardarbag Campus
Junagadh-362001.
Ph.-0285-2631044
E-mail-dcf. gir.west@gmail.com.
Date: 27/01/2020.

06/02

By Email

To,
The Chief Executive Officer [Ports & Terminals],
Simar Port Private Limited,
SP Centre, 41/44, Minoo-Desai Marg,
Colaba, Mumbai-400005.

Subj:- Development of Green Belt Around the Proposed Port Site at Chhara-Sarakhadi by
M/s.Simar Port Pvt. Ltd.

Ref:- [1] Your Office letter No. SPPL/Chhara/80/2019 dt. 15/11/2019.
[2] C.C.F.W.L.C.O.Junagadh letter No jmn/t-14/b/8411 dt. 18/01/2020

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.

[1] Color Index map of 1000 acres of project land. [Scale 1: 50,000]
[2] Prepared Lay-out plan of 1000 acres of land . [Scale 1: 50 Mt]
[3] Maps showing the G.P.S. and Survey Number and details of the proposed green belt to be developed. [Scale 1: 40 Mt]
[4] Soft copy of the above all maps [KML File].

The details of mentioned above are needed for understanding the site and viable plantation models. Please contact this office for further clarification.

Deputy Conservator of Forests
Gir West Division Junagadh

c.c.to The Chief Conservator of Forests
Wildlife Circle Junagadh
-For information please.

D:\PENDRIVE BACKUP\M S Simar Port Green be 2020.docx 1

ANNEXURE 3: AMBIENT AIR QUALITY MONITORING, WATER AND NOISE MONITORING RESULTS FOR HPLNG SITE DONE BY M/S. ACCURATE LABORATORY & GUJARAT LABS



Accurate Laboratory

D-171 to 174 & 263 to 266, Siddhi Industrial Park, Opp. Gujarat Udhogynagar, Bardolpura, Ahmedabad - 380004 Gujarat.
Phone No. : 9601754418, 9033044571 Email : accuratelab.info@gmail.com, info@accuratelaboratory.in
Website : www.accuratelaboratory.in

TEST REPORT

Doc. No : AL/D/7.5/02

Page 1 of 3

ULR-TC502123400024352F

Sample Submitted By : HPCL LNG LIMITED Chhara LNG Terminal, Village : Chhara taluka kodinar, Gir Somnath, Gujarat Phone No : +91-9074563058 Email : aquib.mirza@hplng.in	Test Report No : AL/AHD/10111223030 Date of Receipt : 06/12/2023 Date of Issue : 11/12/2023 Customer's Ref. No : N.M
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Sample Described as : water Sample Qty : 5 Ltr Packing Mode : Packed in bottle Sample Condition : Satisfactory Marking : Type of Facility : LNG terminal, Ground water Sample, Source of water : Plant northwest corner Sample Drawn By : Mr. Param (Representative of Accurate Laboratory) Date of Starting of Test : 06/12/2023	Mfg. Date : N.M. Exp. Date : N.M. B.No : N.M. Date of Completion : 11/12/2023
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Sr No	Test Parameters	IS:10500 Requirement (Acceptable Limit)	IS:10500 Permissible Limit in the Absence of Alternate Source	Result	Detection Limit	Test Method
Biological Water						
1	E.coli per 100 ml	Shall not be Detectable	Shall not be Detectable	Absent	---	IS : 15185 : 2016
2	Total Coliform per 100 ml	Shall not be Detectable	Shall not be Detectable	Absent	---	IS : 15185 : 2016
Chemical Water						
1	Total Hardness (as CaCO ₃), mg/l	Max. 200	Max. 600	585.20	0.5	IS 3025 (P-21) : 2009
2	Zinc (as Zn) mg/l	Max. 5.0	Max. 15.0	N.D	0.02	IS 3025 (P-49) : 1994
3	Total Alkalinity as CaCO ₃ , mg/l	Max. 200	Max. 600	324	0.5	IS 3025 (P-23) : 1986
4	Uranium mg/l	Max 0.03	No Relaxation	N.D	0.0005	AL/SOP/6.4/C-191
5	Delta HCH µg/l	Max.0.04	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
6	Colour, Hazen Unit	Max 5.0	Max. 15.0	1	1	IS 3025 (P-4) : 2021
7	Taste	Agreeable	Agreeable	Agreeable	---	IS 3025 (P-7 & 8) : 1984
8	Turbidity, NTU	Max. 1.0	Max. 5.0	<0.1	0.1	IS 3025 (P-10) : 1984
9	Total Dissolved Solids, mg/l	Max.500	Max.2000	1700	5	IS 3025 (P-16) : 1984
10	Calcium (as Ca), mg/l	Max.75	Max.200	153.69	0.1	IS 3025 (P-40) : 1991
11	Chloride (as Cl), mg/l	Max.250	Max. 1000	744.25	0.5	IS 3025 (P-32) : 1988
12	Magnesium (as Mg), mg/l	Max. 30	Max. 100	75.25	0.1	IS 3025 (P-46) : 1994
13	Sulphate (as SO ₄), mg/l	Max. 200	Max. 400	123	1.0	IS 3025 (P-24/sec-1) : 2022
14	Butachlor µg/l	Max.125	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
15	Aluminium (as Al) mg/l	Max.0.03	Max. 0.2	N.D	0.02	AL/SOP/6.4/C-158
16	Fluoride (as F) mg/l	Max. 1.0	Max. 1.5	N.D	0.25	IS 3025 (P-60) : 2008



TC-5021

Note : This report is subject to the terms and conditions mentioned overleaf



Accurate Laboratory

D-171 to 174 & 263 to 266, Siddhi Industrial Park, Opp. Gujarat Udhogynagar, Bardolpura, Ahmedabad - 380004 Gujarat.
Phone No. : 9601754418, 9033044571 Email : accuratelab.info@gmail.com, info@accuratelaboratory.in
Website : www.accuratelaboratory.in

Doc. No : AL/D/7.5/02

Page 2 of 3

Test Report No : AL/AHD/10111223030

Sr No	Test Parameters	IS:10500 Requirement (Acceptable Limit)	IS:10500 Permissible Limit in the Absence of Alternate Source	Result	Detection Limit	Test Method
17	Nitrate (as NO ₃) mg/l	Max. 45.0	No Relaxation	26.25	1	IS 3025 (P-34) : 1988
18	Phenolic Compounds (as C ₆ H ₅ OH) mg/l	Max. 0.001	Max. 0.002	N.D	0.0001	IS 3025 (P-43) : 1992
19	Selenium (as Se) mg/l	Max. 0.01	No Relaxation	N.D	0.005	IS 3025 (P-56) : 2003
20	Cyanide (as CN) mg/l	Max. 0.05	No Relaxation	Absent	0.005	IS 3025 (P-27) : 1986
21	Total Arsenic (as As) mg/l	Max. 0.01	Max.0.05	N.D	0.005	IS 3025 (P-37) : 1988
22	Total Chromium (as Cr) mg/l	Max. 0.05	No Relaxation	N.D	0.01	IS 3025 (P-52) : 2003
23	Residual Free Chlorine mg/l	Min. 0.2	Max. 1.0	N.D	0.05	IS 3025 (P-26) : 2021
24	Ammonia (as Total Ammonia-N) mg/l	Max. 0.5	No Relaxation	N.D	0.1	IS 3025 (P-34) : 1988
25	Barium (as Ba) mg/l	Max. 0.7	No Relaxation	N.D	0.05	Anx-F of IS : 13428 : 2005
26	Chloramines (as Cl ₂) mg/l	Max. 4.0	No Relaxation	N.D	0.05	IS 3025 (P-26) : 2021
27	Silver (as Ag) mg/l	Max. 0.1	No Relaxation	N.D	0.01	Anx-J of IS : 13428 : 2005
28	Sulphide (as H ₂ S) mg/l	Max 0.05	No Relaxation	N.D	0.05	IS 3025 (P-29) : 1986
29	Molybdenum (as Mo) mg/l	Max. 0.07	No Relaxation	N.D	0.01	IS 3025 (P-2) : 2019
30	Polycarbonated Biphenyls (PCB) mg/l	Max. 0.0005	No Relaxation	N.D	0.0002	APHA 6440
31	Polynuclear Aromatic Hydrocarbon (PAH) mg/l	Max. 0.0001	No Relaxation	N.D	0.0001	APHA 6440
32	Anionic Surface active agents (as MBAS) mg/l	Max. 0.2	Max. 1.0	N.D	0.1	Ann-K of IS :13428:2005
33	Boron (as B) mg/l	Max.0.5	Max. 2.4	N.D	0.05	AL/SOP/6.4/C-158
34	Manganese (as Mn), mg/l	Max. 0.1	Max. 0.3	N.D	0.02	IS 3025 (P-59) : 2006
35	Mineral Oil mg/l	Max. 0.5	No Relaxation	N.D	0.4	IS 3025 (P-39) : 2021
36	Odour	Agreeable	Agreeable	Agreeable	—	IS 3025 (P-5) : 2018
37	Copper (as Cu), mg/l	Max.0.05	Max. 1.5	N.D	0.02	AL/SOP/6.4/C-158
38	Lead (as Pb), mg/l	Max. 0.01	No Relaxation	N.D	0.005	IS 3025 (P-47) : 1994
39	Cadmium (as Cd), mg/l	Max. 0.003	No Relaxation	N.D	0.001	IS 3025 (P-41) : 1992
40	Nickel (as Ni), mg/l	Max. 0.02	No Relaxation	N.D	0.01	IS 3025 (P-54) : 2003
41	o,p DDE µg/l	Max.1	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
42	p,p DDE µg/l	Max.1	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
43	o,p DDD µg/l	Max. 1	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
44	p,p DDD µg/l	Max. 1	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
45	o,p DDT µg/l	Max.1	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
46	p,p DDT µg/l	Max.1	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
47	Endosulfan Sulfate µg/l	Max.0.4	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
48	Monocrotophos µg/l	Max.1	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
49	Chlorpyrifos µg/l	Max.30.0	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
50	Phorate µg/l	Max.2	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
51	Aldrin µg/l	Max.0.03	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
52	Dieldrin µg/l	Max.0.03	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
53	Isoproturon µg/l	Max.9.0	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
54	Alachlor µg/l	Max.20.0	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
55	Atrazine µg/l	Max. 20	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
56	Malathion µg/l	Max.190	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191



TC-5021

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Website : www.accuratelaboratory.in

Doc. No : AL/D/7.5/02

Page 3 of 3

Test Report No : AL/AHD/1011223030

Sr No	Test Parameters	IS:10500 Requirement (Acceptable Limit)	IS:10500 Permissible Limit in the Absense of Alternate Source	Result	Detection Limit	Test Method
57	Mercury (as Hg) mg/l	Max. 0.001	No Relaxation	N.D	0.0005	IS 3025 (P-48) : 1994
58	Iron (as Fe) mg/l	Max. 1.0	No Relaxation	N.D	0.05	IS 3025 (P-53) : 2003
59	pH	6.5 to 8.5	No Relaxation	7.39	1	IS 3025 (P-11) : 2022
60	Lindane µg/l	Max.2	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
61	alfa HCH µg/l	Max.0.01	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
62	Beta HCH µg/l	Max.0.04	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
63	alfa Endosulphan µg/l	Max.0.4	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
64	Beta endosulphan µg/l	Max.0.4	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
65	Ethion µg/l	Max.3.0	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
66	2,4-D µg/l	Max. 30	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191
67	Methyl Parathion µg/l	Max.0.3	No Relaxation	N.D	0.01	AL/SOP/6.4/C-191

Opinion : Sample Conforms to IS:10500-2012 (Permissible Limit) For the Parameters Tested.

N.M.=Not Mentioned, N.D.= Not Detected, D.L.=Detection Limit



*** END OF REPORT ***



FOR, ACCURATE LABORATORY

Zafak Amin - Ami Patel

Autho. Signatory



TC-5021

Note : This report is subject to the terms and conditions mentioned overleaf

Gujarat

Testlab Private Limited

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
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Web : www.gujaratlaboratory.com

TEST REPORT

Report No.: GTL/06240116001
Name Address of Company: HPCL LNG Limited
Chhara LNG Terminal,
Village: Chhara, Taluka: Kodinar,
District: Gir Somnath, Gujarat 362720
Mobile: +91-9074563058
Mail: aquib.mirza@hplng.in

PAGE: 01 OF 01
Sampling Date: 16/01/2024
Sampling time: 10:00 AM
Sample Collected by: Env. Audit Team
Sampling Duration: 24 Hrs.

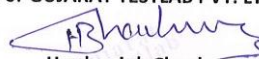
Test Requirement Details: Ambient Air Monitoring
Sampling Location: Near Plant entrance, Security check
Analysis Date: 18/01/2024

Sampling Procedure: IS Method
Report Date: 18/01/2024

Sr. No.	Test Name	Result	GPCB Norms	Test Method
1	PARTICULATE MATTER (PM _{2.5}) (µg/m ³)	17.18	60	EPA Method – 201A
2	PARTICULATE MATTER (PM ₁₀) (µg/m ³)	39.15	100	IS:5182 (Part-23) 2006
3	SULPHUR DIOXIDE(SO ₂) (µg/m ³)	11.10	80	IS:5182 (Part-2)2001
4	OXIDE OF NITROGEN (NO _x) (µg/m ³)	18.20	80	IS:5182 (Part-6)2006

Date of Issue: 18/01/2024

For GUJARAT TESTLAB PVT. LTD.


Hardevsinh Chauhan
Autho. Signatory

End of Report

Note : General Terms & Conditions as mentioned overleaf

Testing Facilities for :

Food & Agriculture Products • Water & Waste Water • Pharmaceuticals • Microbiological • Environment • Fertilizer • Soil • Cosmetic • Cattle Feed, etc .

Gujarat

Testlab Private Limited

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
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Web : www.gujaratlaboratory.com

TEST REPORT

Report No.: GTL/06240116002
Name Address of Company: HPCL LNG Limited
Chhara LNG Terminal,
Village: Chhara, Taluka: Kodinar,
District: Gir Somnath, Gujarat
362720
Mobile: +91-9074563058
Mail: aquib.mirza@hplng.in

Page: 01 of 01
Measurement Date: 16/01/2024
Measurement Done By: Env. Audit Team

Test Requirement Details: Noise Level Measurement
Measurement Instrument: Noise Level Meter
Measurement Method: Manufacturer's Methods
Report Date: 18/01/2024

Sr. No.	Test Name	Location of Measurement	Unit	Average Measured Value	
				Day Time	Night Time
1	Noise Level Measurement	Near Administrative office	dB(A)	70.0	63.0

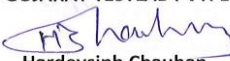
NOTE: Limits prescribed by GPCB/CPCB are as follows:

Area Code	Category of Area Zone	Limit, dB(A)	
		Day Time (06:00 AM To 10:00PM)	Night Time (10:00PM To 06:00 AM)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silent Zones	50	40

Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

Date of Issue: 18/01/2024

For GUJARAT TESTLAB PVT. LTD.


Hardevsinh Chauhan
Autho. Signatory

End of Report

Note : General Terms & Conditions as mentioned overleaf

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Web : www.gujaratlaboratory.com

TEST REPORT

Report No.: GTL/06240116003
Name Address of Company: HPCL LNG Limited
Chhara LNG Terminal,
Village: Chhara, Taluka: Kodinar,
District: Gir Somnath, Gujarat
362720
Mobile: +91-9074563058
Mail: aquib.mirza@hplng.in

Page: 01 of 01
Measurement Date: 16/01/2024

Measurement Done By: Env. Audit Team

Test Requirement Details: Noise Level Measurement
Measurement Instrument: Noise Level Meter

Measurement Method: Manufacturer's Methods
Report Date: 18/01/2024

Sr. No.	Test Name	Location of Measurement	Unit	Average Measured Value	
				Day Time	Night Time
1	Noise Level Measurement	Near Plant Area	dB(A)	69.0	56.0

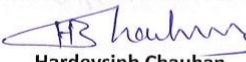
NOTE: Limits prescribed by GPCB/CPCB are as follows:

Area Code	Category of Area Zone	Limit, dB(A)	
		Day Time (06:00 AM To 10:00PM)	Night Time (10:00PM To 06:00 AM)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silent Zones	50	40

Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

Date of Issue: 18/01/2024

For GUJARAT TESTLAB PVT. LTD.


Hardevsinh Chauhan
Autho. Signatory

End of Report

Note : General Terms & Conditions as mentioned overleaf

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TEST REPORT

Report No.: GTL/06240116003
Name Address of Company: HPCL LNG Limited
Chhara LNG Terminal,
Village: Chhara, Taluka: Kodinar,
District: Gir Somnath, Gujarat
362720
Mobile: +91-9074563058
Mail: aquib.mirza@hplng.in

Page: 01 of 01
Measurement Date: 16/01/2024

Measurement Done By: Env. Audit Team

Test Requirement Details: Noise Level Measurement
Measurement Instrument: Noise Level Meter

Measurement Method: Manufacturer's Methods
Report Date: 18/01/2024

Sr. No.	Test Name	Location of Measurement	Unit	Average Measured Value	
				Day Time	Night Time
1	Noise Level Measurement	Near Plant Area	dB(A)	69.0	56.0

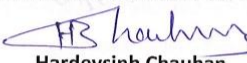
NOTE: Limits prescribed by GPCB/CPCB are as follows:

Area Code	Category of Area Zone	Limit, dB(A)	
		Day Time (06:00 AM To 10:00PM)	Night Time (10:00PM To 06:00 AM)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silent Zones	50	40

Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

Date of Issue: 18/01/2024

For GUJARAT TESTLAB PVT. LTD.


Hardevsinh Chauhan
Autho. Signatory

End of Report

Note : General Terms & Conditions as mentioned overleaf

Testing Facilities for :

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Gujarat

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TEST REPORT

Report No.: GTL/06240116005
Name Address of Company: HPCL LNG Limited
Chhara LNG Terminal,
Village: Chhara, Taluka: Kodinar,
District: Gir Somnath, Gujarat
362720
Mobile: +91-9074563058
Mail: aquib.mirza@hplng.in

Page: 01 of 01
Measurement Date: 16/01/2024

Measurement Done By: Env. Audit Team

Test Requirement Details: Noise Level Measurement
Measurement Instrument : Noise Level Meter

Measurement Method: Manufacturer's Methods

Report Date: 18/01/2024

Sr. No.	Test Name	Location of Measurement	Unit	Average Measured Value	
				Day Time	Night Time
1	Noise Level Measurement	Near D. G. Set Area	dB(A)	73.0	62.0

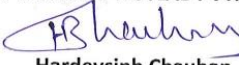
NOTE: Limits prescribed by GPCB/CPCB are as follows:

Area Code	Category of Area Zone	Limit, dB(A)	
		Day Time (06:00 AM To 10:00PM)	Night Time (10:00PM To 06:00 AM)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silent Zones	50	40

Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

Date of Issue: 18/01/2024

For GUJARAT TESTLAB PVT. LTD.


Hardevsinh Chauhan
Autho. Signatory

End of Report

Note : General Terms & Conditions as mentioned overleaf

Testing Facilities for :

Food & Agriculture Products • Water & Waste Water • Pharmaceuticals • Microbiological • Environment • Fertilizer • Soil • Cosmetic • Cattle Feed, etc .

Gujarat

Testlab Private Limited



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Shahibaug, Ahmedabad-380004
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Email : gujlab@gmail.com
Web : www.gujaratlaboratory.com

TEST REPORT

Doc. No : GTL/D/7.5/02

ULR-TC596124700006542F

Page 1 of 3

Report Issued To :	HPCL LNG Limited Chhara LNG Terminal, Village: Chhara, Taluka: Kodinar, District: Gir Somnath, Gujarat 362720, Gir Somnath, Gujarat Phone No : 9074563058 Email : aquib.mirza@hplng.in	Test Report No	: GTL/03240522029
		Date of Receipt	: 22/05/2024
		Date of Issue	: 28/05/2024
		Customer's Ref. No	: N.M

Sample Described as	: Drinking Water.	Mfg. Date	: N.M.
Sample Qty	: 10 Ltr + 500 ml	Exp. Date	: N.M.
Packing Mode	: Sample Packed in Plastic Carboy & Sterile Container	B.No	: NM
Sample Condition	: Satisfactory		
Marking	: Ground Water Sample: Collected from North-West corner of Terminal Near Flare Area		
Sample Drawn By	: Mr. Hardevsinh Chauhan (Representative of Gujarat Testlab Private Limited)		
Date of Starting of Test	: 22/05/2024	Date of Completion	: 28/05/2024

Sr No	Test Parameters	IS:10500 Requirement (Acceptable Limit)	IS:10500 Permissible Limit in the Absence of Alternate Source	Result	Quant. Limit	Test Method
Chemical Water						
1	Colour, Hazen Unit	Max 5.0	Max. 15.0	<1	1	IS : 3025 (P-4) : 1983
2	Odour	Agreeable	Agreeable	Agreeable	—	IS:3025(P-5):2018
3	pH at 25 Deg C	6.5 to 8.5	No Relaxation	7.21	1	IS : 3025 (P-11) : 2022
4	Taste	Agreeable	Agreeable	Agreeable	—	IS : 3025 (P-7 & 8) : 1984
5	Turbidity, NTU	Max. 1.0	Max. 5.0	<0.1	0.1	IS : 3025 (P-10) : 2023
6	Total Dissolved Solids, mg/l	Max.500	Max.2000	1810	5	IS:3025(P-16):2023
7	Aluminium (as Al) mg/l	Max.0.03	Max. 0.2	B.L.Q.	0.01	IS : 3025 (P-55) : 2003
8	Anionic Surface active agents (as MBAS) mg/l	Max. 0.2	Max. 1.0	B.L.Q.	0.1	Ann-K of IS :13428:2005
9	Boron (as B) mg/l	Max.0.5	Max. 1.0	B.L.Q.	0.05	IS : 3025(P-57) :2005
10	Calcium (as Ca), mg/l	Max.75	Max.200	160.82	0.1	IS : 3025(P-40) : 1991
11	Chloride (as Cl), mg/l	Max.250	Max. 1000	787.69	0.5	IS : 3025(P-32) : 1988
12	Fluoride (as F) mg/l	Max. 1.0	Max. 1.5	0.5	0.25	IS:3025(P-60):2008
13	Magnesium (as Mg), mg/l	Max. 30	Max. 100	78.62	0.1	IS:3025(P-46):1994
14	Manganese (as Mn), mg/l	Max. 0.1	Max. 0.3	B.L.Q.	0.005	IS:3025(P-59):2006
15	Mineral Oil mg/l	Max. 0.5	No Relaxation	B.L.Q.	0.4	IS:3025(P-39):1991
16	Nitrate (as NO3) mg/l	Max. 45.0	No Relaxation	27.10	1	IS:3025(P-34):1988
17	Phenolic Compounds (as C6H5OH) mg/l	Max. 0.001	Max. 0.002	B.L.Q.	0.0001	IS:3025(P-43):1992
18	Sulphate (as SO4), mg/l	Max. 200	Max. 400	91.85	1.0	IS 3025 :Part 24:Sec 1:2022

Note : General Terms & Conditions as mentioned overleaf

Gujarat

Testlab Private Limited



TC-5961

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
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Email : gujlab@gmail.com
Web : www.gujaratlaboratory.com

Test Report No : GTL/03240522029

Doc. No : GTL/D/7.5/02

Page 2 of 3

Sr No	Test Parameters	IS:10500 Requirement (Acceptable Limit)	IS:10500 Permissible Limit in the Absence of Alternate Source	Result	Quant. Limit	Test Method
19	Total Alkalinity as Calcium Carbonate, mg/l	Max. 200	Max. 600	540.84	0.5	IS:3025(P-23):1986
20	Total Hardness (as CaCO ₃), mg/l	Max. 200	Max. 600	512.16	0.5	IS:3025(P-21):1983
21	Cyanide (as CN) mg/l	Max. 0.05	No Relaxation	B.L.Q.	0.005	IS:3025(P-27):1986
22	Residual Free Chlorine mg/l	Min. 0.2	Max. 1.0	B.L.Q.	0.05	IS:3025(P-26):1986
23	Ammonia (as Total Ammonia-N) mg/l	Max. 0.5	No Relaxation	B.L.Q.	0.4	IS:3025(P-34):1988
24	Barium (as Ba) mg/l	Max. 0.7	No Relaxation	B.L.Q.	0.5	Anx-F of IS: 13428: 2005
25	Chloramines (as Cl ₂) mg/l	Max. 4.0	No Relaxation	B.L.Q.	0.05	IS:3025(P-26):1986
26	Sulphide (as H ₂ S) mg/l	Max 0.05	No Relaxation	B.L.Q.	0.05	IS:3025(P-29): 2003
Residues and Contaminants in Water						
27	Copper (as Cu), mg/l	Max.0.05	Max.1.5	B.L.Q.	0.005	IS : 3025 (P-65) :2014
28	Iron (as Fe) mg/l	Max. 0.3	No Relaxation	B.L.Q.	0.005	IS:3025(P-65):2014
29	Selenium (as Se) mg/l	Max. 0.01	No Relaxation	B.L.Q.	0.005	IS:3025(P-65):2014
30	Zinc (as Zn) mg/l	Max. 5.0	Max. 15.0	B.L.Q.	1	IS:3025(P-49):1994
31	Cadmium (as Cd), mg/l	Max. 0.003	No Relaxation	B.L.Q.	0.002	IS:3025(P-65):2014
32	Lead (as Pb), mg/l	Max. 0.01	No Relaxation	B.L.Q.	0.005	IS:3025(P-65):2014
33	Mercury (as Hg) mg/l	Max. 0.006	No Relaxation	B.L.Q.	0.0005	IS:3025(P-65):2014
34	Total Arsenic (as As) mg/l	Max. 0.01	Max. 0.05	B.L.Q.	0.005	IS:3025(P-65):2014
35	Total Chromium (as Cr) mg/l	Max. 0.05	No Relaxation	B.L.Q.	0.01	IS:3025(P-65):2014
36	Silver (as Ag) mg/l	Max. 0.1	No Relaxation	B.L.Q.	0.005	IS:3025(P-65):2014
37	Molybdenum (as Mo) mg/l	Max. 0.07	No Relaxation	B.L.Q.	0.03	IS:3025(P-65):2014
38	Nickel (as Ni), mg/l	Max. 0.02	No Relaxation	B.L.Q.	0.01	IS: 3025(P-65):2014
39	Polychlorinated Biphenyls (PCB) mg/l	Max. 0.0005	No Relaxation	B.L.Q.	0.00002	APHA 6630 B
40	Polynuclear Aromatic Hydrocarbon (PAH) mg/l	Max. 0.0001	No Relaxation	B.L.Q.	0.00005	APHA 6440
41	Butachlor µg/l	Max.125	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
42	Isoproturon µg/l	Max.9.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
43	Alachlor µg/l	Max.20.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
44	Atrazine µg/l	Max. 2.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
45	Methyl Parathion µg/l	Max.0.3	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
46	Malathion µg/l	Max.190	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
47	o,p DDE µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
48	p,p DDE µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
49	o,p DDD µg/l	Max.1.0	Not Relaxation	B.L.Q.	0.01	GL/SOP/I-025
50	p,p DDD µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
51	o,p DDT µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
52	p,p DDT µg/l	Max.1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025

Note : General Terms & Conditions as mentioned overleaf

Gujarat

Testlab Private Limited



TC-5961

F/16, F/17 & E/17, Madhavpura Market,
Shahibaug, Ahmedabad-380004
Ph. : 079-25626040, 25624821
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Web : www.gujaratlaboratory.com

Test Report No : GTL/03240522029

Doc. No : GTL/D/7.5/02

Page 3 of 3

Sr No	Test Parameters	IS:10500 Requirement (Acceptable Limit)	IS:10500 Permissible Limit in the Absence of Alternate Source	Result	Quant. Limit	Test Method
53	a HCH µg/l	Max.0.01	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
54	Beta HCH µg/l	Max.0.04	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
55	d HCH µg/l	Max.0.04	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
56	alfa Endosulphan µg/l	Max. 0.4	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
57	Beta endosulphan µg/l	Max. 0.4	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
58	Endosulfan Sulfate µg/l	Max. 0.4	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
59	Monocrotophos µg/l	Max. 1.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
60	Ethion µg/l	Max. 3.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
61	Lindane µg/l	Max. 2.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
62	Chlorpyrifos µg/l	Max. 30.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
63	Phorate µg/l	Max. 2.0	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
64	Aldrin µg/l	Max. 0.03	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
65	Dieldrin µg/l	Max. 0.03	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
66	2,4-D µg/l	Max. 30	No Relaxation	B.L.Q.	0.01	GL/SOP/I-025
Biological Water						
1	Total Coliform per 100 ml	Shall not be Detectable	Shall not be Detectable	Absent	--	IS: 15185:2016
2	E.coli per 100 ml	Shall not be Detectable	Shall not be Detectable	Absent	--	IS: 15185:2016

Opinion : Sample Found CONFORM as per IS:10500-2012 (Permissible Limit) with Amendment NO-4 for the tested parameters.

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification



For NABL Scope

Mamta Bhavsar

Reviewed By



For Verification

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Krishna Amin

Autho. Signatory

*** END OF REPORT ***

Note : General Terms & Conditions as mentioned overleaf

Gujarat

Testlab Private Limited

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TEST REPORT

Doc. No.: GTL/D/7.5/02

Page 1 of 1

Report Issued To	: HPCL LNG Limited Chhara LNG Terminal, Village: Chhara, Taluka: Kodinar, District: Gir Somnath, Gujarat 362720, Gir Somnath, Gujarat Phone No.: 9074563058 Email : aquib.mirza@hplng.in	Test Report No.	: GTL/06240522001/NS
		Date of Receipt	: 22/05/2024
		Date of Issue	: 27/05/2024

Test Requirement Details	: Ambient Air Monitoring(24 Hrs)		
Sample Drawn By	: Env. Audit Team Member of Gujarat Testlab Pvt. Ltd.		
Sampling Location	: Near Security Gate, Plant Entrance(Within Premises)		
Quantity/ No. of sample	: 1 Nos.(2 filter papers, 2 samples (30 ml))	Date & Time of Sampling Start	: 22/05/2024 09:00 AM
Sampling Procedure	: IS Method	Date & Time of Sampling Complete	: 23/05/2024 09:00 AM
Sampling Instruments	: PM ₁₀ , PM _{2.5} , Gaseous Sampler	Sampling Duration	: 24 Hours
Packing Mode	: Sample Packed in Plastic Container		
Date of Starting of Test	: 23/05/2024	Date of Completion	: 27/05/2024

Sr. No.	Test Name	Unit	Result	GPCB Limit	Test Method
1	PARTICULATE MATTER (PM _{2.5})	µg/m ³	21.33	60	CPCB manual Vol. 1 May – 2011
2	PARTICULATE MATTER (PM ₁₀)	µg/m ³	34.67	100	IS:5182 (Part-23) 2006
3	SULPHUR DIOXIDE(SO ₂)	µg/m ³	13.11	80	IS:5182 (Part-2) 2001
4	NITROGEN DIOXIDE (NO ₂)	µg/m ³	18.28	80	IS:5182 (Part-6) 2006



For Verification

FOR, GUJARAT TESTLAB PVT. LTD.

Hardevsinh Chauhan
Autho. Signatory

END OF REPORT

Gujarat

Testlab Private Limited

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TEST REPORT

Doc. No.: GTL/D/7.5/02

Page 1 of 1

Report Issued To : HPCL LNG Limited	Test Report No. : GTL/06240522002/NS
Chhara LNG Terminal, Village: Chhara,	Date of Receipt : 22/05/2024
Taluka: Kodinar, District: Gir Somnath,	Date of Issue : 27/05/2024
Gujarat 362720, Gir Somnath, Gujarat	
Phone No.: 9074563058	
Email : aquib.mirza@hplng.in	

Test Requirement Details : Noise Level Monitoring	
Measurement Done By : Env. Audit Team Member of Gujarat Testlab Pvt. Ltd.	
Measurement Location : Near Security Gate, Plant Entrance (Within Premises)	
Quantity/ No. of sample : 1 Nos.	Date of Measurement : 22/05/2024
Measurement Instruments : Noise Level Meter (SLM-Digital Sound Level Meter)	Sampling/Measurement Protocol : IS 9989 (1981)

Sr. No.	Test Name	Location of Measurement	Unit	Average Measured Value	
				Day Time	Night Time
1	Noise Level Measurement	Near Security Gate, Plant Entrance (Within Premises)	dB(A)	65.0	58.0

NOTE: TWA Permissible Limit as per Factory Act is 85.0 dB(A) in Day Time & 80.0 dB(A) in Night Time. Limits prescribed by GPCB/CPCB are as follows:

Area Code	Category of Area Zone	GPCB/CPCB Limit, dB(A)	
		Day Time (06:00 AM To 10:00PM)	Night Time (10:00PM To 06:00 AM)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silent Zones	50	40

Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.



For Verification

FOR, GUJARAT TESTLAB PVT. LTD.

Hardevsinh Chauhan
Autho. Signatory

END OF REPORT

Gujarat

Testlab Private Limited

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TEST REPORT

Doc. No.: GTL/D/7.5/02

Page 1 of 1

Report Issued To : HPCL LNG Limited	Test Report No. : GTL/06240522003/NS
Chhara LNG Terminal, Village: Chhara,	Date of Receipt : 22/05/2024
Taluka: Kodinar, District: Gir Somnath,	Date of Issue : 27/05/2024
Gujarat 362720, Gir Somnath, Gujarat	
Phone No.: 9074563058	
Email : aquib.mirza@hplng.in	

Test Requirement Details : Noise Level Monitoring	
Measurement Done By : Env. Audit Team Member of Gujarat Testlab Pvt. Ltd.	
Measurement Location : Near Utility Area (Near Air Compressor Shed) (Within Premises)	
Quantity/ No. of sample : 1 Nos.	Date of Measurement : 22/05/2024
Measurement Instruments : Noise Level Meter (SLM-Digital Sound Level Meter)	Sampling/Measurement Protocol : IS 9989 (1981)

Sr. No.	Test Name	Location of Measurement	Unit	Average Measured Value	
				Day Time	Night Time
1	Noise Level Measurement	Near Utility Area (Near Air Compressor Shed) (Within Premises)	dB(A)	70.5	65.0

NOTE: TWA Permissible Limit as per Factory Act is 85.0 dB(A) in Day Time & 80.0 dB(A) in Night Time. Limits prescribed by GPCB/CPCB are as follows:

Area Code	Category of Area Zone	GPCB/CPCB Limit, dB(A)	
		Day Time (06:00 AM To 10:00PM)	Night Time (10:00PM To 06:00 AM)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silent Zones	50	40

Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.



For Verification

FOR, GUJARAT TESTLAB PVT. LTD.

HB Chauhan
Hardevsinh Chauhan
Autho. Signatory

END OF REPORT

Gujarat

Testlab Private Limited

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TEST REPORT

Doc. No.: GTL/D/7.5/02

Page 1 of 1

Report Issued : HPCL LNG Limited	Test Report No. : GTL/06240522004/NS
To : Chhara LNG Terminal, Village: Chhara,	Date of Receipt : 22/05/2024
Taluka: Kodinar, District: Gir Somnath,	Date of Issue : 27/05/2024
Gujarat 362720, Gir Somnath, Gujarat	
Phone No.: 9074563058	
Email : aquib.mirza@hplng.in	

Test Requirement Details : Noise Level Monitoring	
Measurement Done By : Env. Audit Team Member of Gujarat Testlab Pvt. Ltd.	
Measurement Location : Near HP Pump Shed, Process Area- Road No.108-A (Within Premises)	
Quantity/ No. of sample : 1 Nos.	Date of Measurement : 22/05/2024
Measurement : Noise Level Meter (SLM-Digital	Sampling/Measurement : IS 9989
Instruments : Sound Level Meter)	Protocol : (1981)

Sr. No.	Test Name	Location of Measurement	Unit	Average Measured Value	
				Day Time	Night Time
1	Noise Level Measurement	Near HP Pump Shed, Process Area- Road No.108-A (Within Premises)	dB(A)	74.0	69.0

NOTE: TWA Permissible Limit as per Factory Act is 85.0 dB(A) in Day Time & 80.0 dB(A) in Night Time. Limits prescribed by GPCB/CPCB are as follows:

Area Code	Category of Area Zone	GPCB/CPCB Limit, dB(A)	
		Day Time (06:00 AM To 10:00PM)	Night Time (10:00PM To 06:00 AM)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silent Zones	50	40

Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.



For Verification

FOR, GUJARAT TESTLAB PVT. LTD.

Hardevsinh Chauhan
Autho. Signatory

END OF REPORT

Note : General Terms & Conditions as mentioned overleaf

Gujarat

Testlab Private Limited

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TEST REPORT

Doc. No.: GTL/D/7.5/02

Page 1 of 1

Report Issued : HPCL LNG Limited	Test Report No. : GTL/06240522005/NS
To : Chhara LNG Terminal, Village: Chhara,	Date of Receipt : 22/05/2024
Taluka: Kodinar, District: Gir Somnath,	Date of Issue : 27/05/2024
Gujarat 362720, Gir Somnath, Gujarat	
Phone No.: 9074563058	
Email : aquib.mirza@hplng.in	

Test Requirement Details : Noise Level Monitoring	
Measurement Done By : Env. Audit Team Member of Gujarat Testlab Pvt. Ltd.	
Measurement Location : Between GEG and EDG Area (Within Premises)	
Quantity/ No. of sample : 1 Nos.	Date of Measurement : 22/05/2024
Measurement : Noise Level Meter (SLM-Digital)	Sampling/Measurement : IS 9989
Instruments : Sound Level Meter)	Protocol (1981)

Sr. No.	Test Name	Location of Measurement	Unit	Average Measured Value	
				Day Time	Night Time
1	Noise Level Measurement	Between GEG and EDG Area (Within Premises)	dB(A)	73.5	66.5

NOTE: TWA Permissible Limit as per Factory Act is 85.0 dB(A) in Day Time & 80.0 dB(A) in Night Time. Limits prescribed by GPCB/CPCB are as follows:

Area Code	Category of Area Zone	GPCB/CPCB Limit, dB(A)	
		Day Time (06:00 AM To 10:00PM)	Night Time (10:00PM To 06:00 AM)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silent Zones	50	40

Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.



For Verification

FOR, GUJARAT TESTLAB PVT. LTD.

Hardevsinh Chauhan
Autho. Signatory

END OF REPORT

Note : General Terms & Conditions as mentioned overleaf

ANNEXURE 4.0.: 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.

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

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 ₁₀	60 Microgram/NM ³	100 Microgram/M ³
Particulate Matter _{2.5}	40 Microgram/NM ³	60 Microgram/M ³
SO ₂	50 Microgram/NM ³	80 Microgram/M ³
NO _x	40 Microgram/NM ³	80 Microgram/M ³

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

CONDITIONS UNDER HAZARDOUS WASTE:

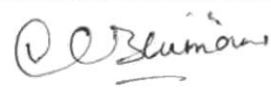
12. Applicant shall have to comply with provisions of Hazardous Waste (Management & Handling & Trans boundary Movement) Rules-2008 as amended from time to time.

- 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.





GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector-10-A, Gandhinagar-382 021.
Website : 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 4.1. COPY OF CTE VALIDITY EXTENSION FROM GUJARAT POLLUTION CONTROL BOARD (GPCB)



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

CTE-Validity Extension

CTE-128219, Issue Date 04/08/2023

No. GPCB/CCA-JNG-1139/ ID 50585/ ~~750293~~

Date: 8/08/2023

Amendment to CONSENT TO ESTABLISHMENT (NOC) No.- 78045 dated: 13/04/2016
(Under the provisions/rules of the aforesaid environmental acts.

TO,

M/s. HPCL Shapoorji Energy Pvt. Ltd.(HSEPL)

Sr. No. 449, 532, 450-455, 844-869, 872/P1,

Vill: Chhara-362720,

Ta: Kodinar, Dist: Gir Somnath.

Sub: Consent to Establishment (NOC) under Section 25 of Water Act and Section 21 of Air Act 1981

Ref: (1). Your CTE-Amendment application inward No. 277837 dated 25/04/2023.

(2). CTE order No. GPCB/JNG-C-120/ ID-50585/352346 dated- 13/04/2016.

Sir,

In exercise of the power conferred by clause (b) of sub-section (4) of Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and sub-section (4) of Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and under Environment (Protection) Act, 1986 and without reducing your responsibilities under the said acts in any way, this is to inform you that board has granted Consent To Establish (CTE) Amendment issued vide order no. GPCB/JNG-C-120/ ID-50585/352346 dated- 13/04/2016 hereby amended as under.

1. The validity of Consent To Establish (CTE) No. 78045 Dated:13/04/2016 shall be valid up to 05/03/2029.
2. The other conditions of the CTE No:78045 dated: 13/04/2016 shall remain unchanged.

For and on behalf of
Gujarat Pollution Control Board

(Smt. M. S. Bhatt)
Unit Head

ANNEXURE 4.2. CONSOLIDATED CONSENT AND AUTHORIZATION (CCA) RECEIVED FROM GUJARAT POLLUTION CONTROL BOARD (GPCB)



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

BY R.P.A.D

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A) CCANO:AWH-133521ApplicationType:CCA-Fresh

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous and other Wastes (Management and Trans boundary movement) Rules, 2016 framed under the Environmental (Protection) Act-1986.

And whereas the Board has received consolidated consent Application inward No. 286718, dated:29/09/2023 for the Consolidated Consent and Authorization (CC & A) of his Board under the provisions/rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

To,
M/s. HPCL LNG Limited.
(Old Name: HPCL Shapoorji Energy Pvt. Ltd (HSEPL))
Survey No. 449,532, 450-455, 844-869, 872/P1,
Village: Chhara-362720-362001
Tal. -Kodinar,Dist: Gir Somnath.

1. Consent Order No. : AWH- 133521 date of Issue: 05/04/2024.

- 1.1 The consent under Water Act-1974, Air Act-1981 & Authorization under Environment (Protection) Act, 1986 shall be valid up to 28/09/2024 to operate industrial plant for manufacturing of the following products:

SR. NO.	PRODUCT	CAPACITY
1	Storage and Re-gasification of LNG	5 Million Metric Tonne/Annum

2. SPECIFIC CONDITION:-

- 2.1 Unit shall comply the direction/orders issued by Hon'ble NGT in the matter of O.A No.-62/2019 and Hon'ble NGT in the Appeal No.-30/2019, 31/2019, 49/2019, 50/2019.
- 2.2 Unit shall comply with all the condition of EC (issued Environment Clearance vide letter no.-F.No.11-01/2014-IA-III, dated:-05/03/2019 & 30/05/2022).
- 2.3 Unit shall no claims of any equity will be made basis on CC&A.
- 2.4 Unit shall strictly adhere submitted notarized undertaking dated: 01/04/2024.

3. CONDITIONS UNDER WATER ACT 1974:

- 3.1 The water consumption and wastewater generation shall be as under: -

	Water Consumption (KLPD)	Waste water Generation (KLPD)
Industrial	541 KL/D	NIL
Domestic	10 KL/D	8 KL/D

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

- I. Settling chamber
- II. Bar screen and De-gritting chamber
- III. Collection Tank
- IV. Aeration Tank
- V. Anoxic Tank
- VI. Tube Settler
- VII. Clear water Tank
- VIII. Activated Carbon Filter-1 No.
- IX. Treated Water Tank-1 & 2
- X. Sludge Holding Tank
- XI. Sludge Bag Filter
- XII. Poly and Hypo dosing Tank.
- XIII. PLC/MCC/Control room for STP operation.

- 3.3 Sewage shall be treated into the above mentioned STP units to conform to the following discharge standards (As per Hon'ble NGT order O.A. No.-1069/2018 and CPCB directions): -

Sr.No.	Parameters	Maximum Permissible Limit
1.	PH	5.5 to 9.0
2.	BOD (mg/l)	10 mg/l
3.	Total Suspended Solids (mg/l)	20 mg/l
4.	Chemical Oxygen Demand	50 mg/l
5.	Total Nitrogen	05 mg/l
6.	Total Phosphorus	01 mg/l
7.	Fecal Coliform (Most probable no. 100 ml, MPN/100 ml)	Desirable -100 Permissible- 230

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

4. **CONDITIONS UNDER AIR ACT 1981:**

- 4.1 The following shall be used as fuel.

Sr.No.	Fuel	Quantity
1	Natural Gas	60 T/Hr.
2	Diesel	290 Lit./Hr.

- 4.2 The flue gas emission through stack shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	APCM	Parameter	Permissible Limit
1.	Flare Stack	70	---	PM SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
2.	Gas Engine Generator-01	30	---		
3.	Gas Engine Generator-02	30	---		
4.	Gas Engine Generator-03	30	---		
5.	Submerged Combustion Vaporizer	12	---		
6.	D.G. Set (2.2 MW)	30	Acoustic Enclosure		

- 4.3 There shall be no process emission from the manufacturing process as well as any other ancillary process.
- 4.4 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder.



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

PARAMETERS	PERMISSIBLE LIMIT	
	Annual	24 Hrs. Average
Particulate Matter-10 (PM 10)	60 Microgram/Nm ³	100 Microgram/Nm ³
Particulate Matter- 2.5 (PM 2.5)	40 Microgram/Nm ³	60 Microgram/Nm ³
SO ₂	50 Microgram/Nm ³	80 Microgram/Nm ³
NO _x	40 Microgram/Nm ³	80 Microgram/Nm ³

4.5 D.G Set standards: - The flue gas emission through stack attached to D.G Set shall conform to the following standards:

- The minimum height of stack provided with each of the generator set shall be $H = h + 0.2 (KVA)^{1/2}$, where H=Total stack height in meter, h= height of the building in meter where or by the side of which the generator set is installed.
- Noise from D.G. Set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side (if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.
- The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- All efforts shall be made to bring down the noise level due to the D.G. Set, outside the premises within the ambient noise requirements by proper siting and control measure.
- Installation of D.G. Set must be strictly in compliance with the recommendations of the D.G. Set manufacturer.
- A proper routine and preventive maintenance procedure for D.G. Set should be set and followed in consultation with the D.G. Set manufacture which would help prevent noise level of the D.G. Set from deteriorating with use.

4.6 The consent to operate the industrial plant shall lapse at any time if the concentration in the ambient air is not within the tolerance limits specified in the condition no. 4.3 & 4.4.

4.7 The industry shall take adequate measures for control of noise levels from its own Sources within the premises so as to maintain ambient air quality standards in respect of Noise to less than 75dB (a) during daytime and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

5. HAZARDOUS AND OTHER WASTES (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES, 2016 Form -2(See Rule 6(2))

5.1 M/s. HPCL LNG Limited is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at S No. 449,532, 450-455, 844-869, 872/P1, Village: Chhara-362720-362001, Tal. Kodinar, Dist: Gir somnath.

Sr. No.	Waste	Category	Quantity	mode of Disposal
1.	Used Spent oil	5.1	200 Lit/Year	Collection, storage, and disposal by selling to registered re-processors or reused as lubricant for oiling of plant machineries.

Clean Gujarat Green Gujarat

Website : <https://gpcb.gujarat.gov.in>

- 5.2 The authorization is granted to operate a facility for collection, storage, transportation, and ultimate disposal of Hazardous wastes as above.
- 5.3 The authorization shall be in force for a period up to Dated: 28/09/2024.
- 5.4 Applicant shall have to comply with provisions of Hazardous Waste (Management & Trans boundary Movement) Rules-2016 as amended from time to time.

6. TERMS AND CONDITIONS OF AUTHORISATION

- 6.1 The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.
- 6.2 The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board. The persons authorized shall not rent, lend, sell, and transfer of otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- 6.3 Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- 6.4 An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii)
- 6.5 Industry shall submit annual report within 15 days and sub squinty by 30th June every year.

7. General Conditions:

- 7.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 7.2 The was generator shall be totally responsible for i.e. collection, storage, encapsulation, incineration treatment, transportation and ultimate disposal) of the wastes generated.
- 7.3 Records of waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form – 4 by 31st January of every year.
- 7.4 In case of any accident, details of the same shall be submitted in Form - 5 to Gujarat Pollution Control Board.
- 7.5 As per "Public Liability Insurance Act - 91 "company shall get Insurance Policy, if applicable.
- 7.6 Empty drums and containers of toxic and hazards material shall be treated as per guideline published for "Management & Handling of discarded containers". Record of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
- 7.7 In no case any kind of hazardous waste shall be imported without prior approval of appropriate authority.
- 7.8 In case of transport of hazardous wastes to a facility for (i.e. treatment, storage and disposal) existing in a State other than the State where hazardous wastes are generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board or Committee of the concerned State or Union-territory Administration where the facility exists.
- 7.9 Unit shall take all concrete measures to show tangible results in waste generation, reduction, avoidance, reuse and recycle. Action taken in this regards shall be submitted within three months and also along with Form-4.
- 7.10 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Courts Order in W.P. No.657 of 1995-dated 14th October-2003.
- 7.11 Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous wastes generated within factory premise.
- 7.12 Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board,
- 7.13 Concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body. In case of failure of pollution control equipment, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.
- 7.14 In order to enable the board to perform its functions of ascertaining the standards of effluent laid down by it for the discharge of the effluent under the condition no 2.3 of this order are complied with by the company while causing discharge of effluent, the applicant shall have to

**GUJARAT POLLUTION CONTROL BOARD**

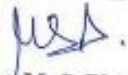
PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

- ~~submit every month the analysis report of the samples of effluent got collected and analysed by one of the laboratories recognized by the state Board.~~
- 7.15 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 7.16 In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(Smt. M. S. Bhatt)
Unit Head

NO:GPCB/CCA/JNG-1139/ID-50585/804584

Dated: 25/04/2024

Issued to:**M/s. HPCL LNG Limited.**

(Old Name: HPCL Shapoorji Energy Pvt. Ltd (HSEPL))

S No. 449,532, 450-455, 844-869, 872/P1,

Village: Chhara-362720-362001

Tal: Kodinar, Dist: Gir Somnath

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 257th 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 1st April, 2019. The waterfront royalty for LNG cargo shall be subject to an escalation on 1st 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,


25/10/19

**Vice Chairman &
Chief Executive Officer**

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

Copy to: Port Officer, Veraval

ANNEXURE 5.1. PROVISIONAL COMMISSIONING PERMISSION OBTAINED FROM GMB DATED 27.12.2023



GUJARAT MARITIME BOARD (GOVERNMENT OF GUJARAT)

SAGAR BHAVAN | Sector-10/A | Chh Road | Opp. Air Force Station
Gandhinagar-382 010 | Gujarat (INDIA)
Phone : +91-79-23238346-47-48-51 | Fax : +91-79-23234704
Email : info@gmbports.in

BY REGISTERED POST A.D.

No. GMB/N/PVT-1/1628/Part-II/ 317/7346
Date: December, 27 2023

To,

1. HPCL LNG LIMITED

Registered Office : Petroleum House, Behind Memnagar Fire Station, Navrangpura, Ahmedabad – 380 009 (Gujarat)

Address in terms of Article 33.3 of the Sub-Concession Agreement dated 22.07.2022 : 3rd Floor, Forbes Building, Charanjit Rai Marg, Fort, Mumbai – 400 001 (Maharashtra)

2. SIMAR PORT PRIVATE LIMITED

Registered Office : Venus Amadeus, 301-305, 3rd Floor, Jodhpur Cross Road, Satellite, Ahmedabad – 380 015 (Gujarat)

Address in terms of Article 33.3 of the Sub-Concession Agreement dated 22.07.2022 : SP Centre, 41/44, Minoo Desai Marg, Colaba, Mumbai – 400 001 (Maharashtra)

Sub.: Proposal for granting Provisional Permission to HPCL LNG Ltd. for LNG cargo operations during fair weather from LNG berth at Chhara port.

Ref.:

1. Sub-Concession Agreement dated 22.07.2022 executed by and between Simar Port Private Limited, HPLNG LNG Limited and Gujarat Maritime Board;
2. Various letters addressed by HPCL LNG Limited to Gujarat Maritime Board;
3. Deliberations of the Committee of Gujarat Maritime Board on 29.09.2023 at 12:00 hrs. in the presence of representatives of HPCL LNG Limited; and
4. Resolution No. 3690 passed by the Board of Gujarat Maritime Board in its 267th meeting held on 07.11.2023.

Sir,

1. This has reference to the captioned letters addressed by HPCL LNG Limited ("HPLNG") to Gujarat Maritime Board ("GMB") as also the Sub-Concession Agreement dated 22.07.2022 executed by and between Simar Port Private Limited ("SPPL"), HPLNG and GMB (the "Sub-Concession Agreement").
2. By way of its captioned letter dated 23.10.2023, HPLNG has informed GMB as under:

"Taking into account the progress made on GPSL pipeline and ongoing construction of the Breakwater, HPLNG Board has advised commissioning the LNG Terminal with a partial Breakwater in this fair-weather season around December 2023 – January 2024."
3. HPLNG has informed GMB that it has achieved mechanical completion of the Chhara LNG terminal (the "LNG terminal") on March 28, 2023. HPLNG has also stated that its LNG infrastructure can only be operationalized subject to the construction of a gas-evacuation pipeline by Gujarat State Petronet Limited and the completion of the breakwater by SPPL (the Concessionaire).
4. In the captioned Meeting dated 29.09.2023, the representatives of HPPL, along with the representatives of SPPL, have apprised GMB that the construction of the LNG berth by HPLNG stands completed and is ready for commissioning on completion of the pipeline connectivity to the LNG terminal which is under development by Gujarat State Petronet Limited. It is also an undisputed fact that 1950 meters of breakwater is yet to be completed by SPPL.
5. As a consequence, on the request of HPLNG, and at the exclusive risk and cost of HPLNG, GMB, by way of the present communication, hereby permits HPLNG to commence cargo operations at the LNG terminal only during fair-weather; and only for the period up to 14.05.2024 (hereinafter referred to as the "Provisional Permission"), subject to the strict and meaningful compliance of the following conditions:
 - 5.1. The Provisional Permission is granted only till the completion of 1950 meters of breakwater by SPPL.
 - 5.2. If both of wind speed and wave height exceeds the cut-off limits i.e. 25 knots wind speed, 1.5 knots current and 1.0 meters swell, it is recommended that berthing operations may be aborted; however, at the discretion of the pilot, operations can be aborted even before arriving at cut-off limit or in any other developing scenario which may not be safe as per the professional judgment of the Master and/or Pilot and/or HPLNG, it being categorically understood

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: 24th 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
GIR SOMNATH DISTRICT
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: 24th 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



રૂપાળી (S. Kumar)
ઇન્સપેક્ટ ક્લાર્ક
તાલુકા પંચાયત કચેરી, કોડીનાર

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

S/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: 24th 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,

Authorize Signatories



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 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

<p>कार "विस्फोट", नागपुर Telegram: 'EXPLOSIVES', Nagpur Website: http://peso.gov.in Email: explosives@explosives.gov.in दूरभाष/ Telephone : 0712-2510248 फैक्स/ FAX : 2510577</p> <p>कार्यालयीन उद्देश्य - सभी पत्रादि "मुख्य विस्फोट नियंत्रक" के पदनाम से भेजे जाएं, उन 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.</p>	 <p>भारत सरकार GOVT. OF INDIA पेट्रोलियम तथा विस्फोट सुरक्षा संगठन PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (पूर्व नाम- विस्फोट विभाग) (Formerly- Department of Explosives) "ए" ब्लॉक, पाँचवां तल, न्द्रीय कार्यालय परिसर, सेमीनरी हिल्स, नागपुर-440 006 (महा.) Seminary Hills, Nagpur- 440006</p>	<p>No. A/S/HO/GJ/03/1815 (S75157) Nagpur, dated 15.11.2017</p>
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To,

**M/s. HPCL Shapoorji Energy Pvt. Ltd.,
Venus Amadeus, 301-305, 3rd 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 10.1 Commissioning permission for storage and handling of LNG storage tanks with allied facilities by PESO.

<p>सार "विस्फोटक", नागपुर Telegram: 'EXPLOSIVES', Nagpur Website: http://peso.gov.in Email: explosives@explosives.gov.in</p> <p>दूरभाष/ Telephone : 0712-2510248</p> <p>फैक्स/ FAX : 2510577</p> <p>कार्यवाही के लिये सभी पत्रादि "मुख्य विस्फोटक नियंत्रक" के कार्यालय में भेजे जाएं, उनके व्यक्तिगत नाम के नहीं। All communications intended for this Office should be addressed to the 'Chief Controller of Explosives' and NOT to him by name.</p>	 भारत सरकार Government of India पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन Petroleum and Explosives Safety Organisation (पूर्व नाम-विस्फोटक विभाग) (Formerly- Department of Explosives) "ए" ब्लॉक, पाँचवा तल, केन्द्रीय कार्यालय परिसर "A" Block, 5th Floor, CGO Complex, सेमीनारि हिल्स, नागपुर- 440006(महाराष्ट्र) Seminary Hills, Nagpur- 440006 संख्या/ No SMPV/ MSIHC/HPCL/LNG/2023 नागपुर, दिनांक/ Nagpur, dated : 19/02/2024
<p>To,</p> <p>✓ M/s. HPCL LNG Limited, HPCL Regional Office, Petroleum House, Behind Memnagar Fire Station, Vavrangpura, Ahmedabad – 380009.</p>	
<p>Sub: Commissioning permission for storage and handling of LNG in Full Containment Type with Pre-stressed Concrete Outer Tank Wall (PC Outer Wall) tanks of two numbers (T-101 & T-102) having water capacity 200000 M³ of each for LNG with allied facilities at Plot No. 866-867, Land S.N.532/P3/P2, 532/P6/P1, 532/P6/P3, 532/P6/P4, 532/P6/P2, 532/P8/P2, 532/P8/P3, 853/P3, 853/P2 at Chhara LNG Terminal, Village Chhara, Taluk Kodinar, Gir Somnath, State- Gujarat, Pin- 362720. – Regarding.</p>	
<p>Dear Sirs,</p> <p>Please refer to your letter no. HPLNG/PESO/2023-24/029 dated 21/01/2024 along with documents and Inspection report along with other documents received from O/o Jt.CCE, Vadodara, vide memo of even no. dated 17/01/2024. The above premise has been inspected by Jt. Chief Controller of Explosives, Vadodara on 07/01/2024, 08/01/2024 & 09/01/2024. Also submitted following documents, i) DM NOC with NOC drawing vide NOC No. MAG/C/LNG NOC/Reg.No.04/2022 dated 03/10/2022 issued by ADM, Gir-Somnath, Gujarat. ii) Compliance of inspection findings vide letter no. nil dated 17/01/2024 address to Jt.CCE, Vadodara. iii) OISD Pre-Commissioning Safety Audit compliance vide letter No. HPLNG-OISD-L-2023-2 dated 04/01/2024.</p> <p>It is noted that you have fully completed the installing all the facilities for receiving storage and re-gasification of LNG as well as facilities for loading LNG into tankers in your LNG terminal at Plot No. 866-867, Land S.N.532/P3/P2, 532/P6/P1, 532/P6/P3, 532/P6/P4, 532/P6/P2, 532/P8/P2, 532/P8/P3, 853/P3, 853/P2 at Chhara LNG Terminal, Village Chhara, Taluk Kodinar, Gir Somnath,</p>	
<p>Page 1 of 2</p>	

State- Gujarat, Pin- 362720 as per the drawing approved vide this office letter of even no. dated 22/12/2023.

It is also noted that the double wall, double integrity atmospheric Full Containment Type with Pre-stressed Concrete Outer Tank Wall (PC Outer Wall) LNG storage tanks No. T-101 & T-102 (2 x 200000 M3 WC each) have been constructed as per standard EN-14620-2006, which is duly approved by this office dated 22/12/2023, and tested & certified by Third Party Inspection Agency i.e. M/s. LRQA Inspection Services India LLP in compliance to applicable standards. It is also noted that the LNG will be stored 255 mbarg (Max) pressures at -168°C temperature, which covered under MSIHC Rules, 1989 framed under Environment (Protection) Act, 1986.

In view of above and recommendation of O/o Jt. Chief Controller of Explosives, Vadodara, there is no objection in commissioning the above said Tank Nos. T-101 & T-102 (2 x 200000 M3 WC each) for storage of LNG along with allied facilities.

Please note that above permission is granted under MSIHC Rules, 1989 with the following conditions and one set of as built drawings submitted by you is sent herewith duly endorsed.

1. The commissioning activities shall be supervised by the experienced technical persons of your company.
2. SOP shall be strictly adhered.
3. The provisions of MSIHC Rules, 1989 shall be strictly complied.
4. Due care and precautions to be taken while commissioning the LNG atmospheric storage tanks in your terminal.
5. All electrical equipments, valves, regulators, gas detectors and other fittings shall be thoroughly inspected for their function and records to be maintained.
6. All electrical equipments installed in the LNG hazardous area shall be approved by Chief Controller of Explosives and the same to be verified before taking in to operation.
7. Fire fighting facilities shall always be in line with the hydrants points, jumbo nozzles and fire fighting equipments to be placed each and every points specified as per the code and standards.

This commissioning permission shall not absolve you to obtain clearance/approval/ permission as applicable from other statutory authorities as per the statute.

This is issue with concurrence of The Chief Controller of Explosives.

Encl. a/a.

Yours faithfully,



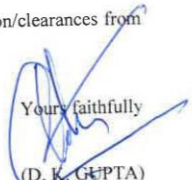
(Basudev Basak)

Dy. Chief Controller of Explosives
for Chief Controller of Explosives


Copy to - The Jt. Chief Controller of Explosives, Vadodara with reference to his Memo No. SMPV/MSIHC/HPCL/LNG/2023, dated 17/01/2024.

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 : http://peso.gov.in Email: 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।</p> <p>All communications intended for this Office should be addressed to the 'Chief Controller of Explosives' and NOT to him by name.</p>	<div style="text-align: center;">  भारत सरकार GOVERNMENT OF INDIA वाणिज्य और उद्योग मंत्रालय Ministry of Commerce & Industry पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन <i>Petroleum and Explosives Safety Organisation</i> (पूर्व नाम - विस्फोटक विभाग) (Formerly- Department of Explosives) 'ए'-ब्लॉक, पाँचवा तल, केन्द्रीय कार्यालय परिसर, "A" Block, 5th Floor, CGO Complex, सेमिनरी हिल्स, नागपुर - 440 006 (महा) Seminary Hills, Nagpur- 440006 </div> <div style="text-align: right;">  </div>
<p>संख्या /No.: G.22(47)178 Dated :27/10/2017</p> <p>To,</p> <p>✓ M/s. HPCL Shapoorji Energy Pvt. Ltd., Venus Amadeus, 301-305, 3rd Floor, Jodhpur Cross Road, Satellite, Ahmedabad-380015.</p> <p>Sub: - Approval for construction of Jetty for handling of Natural Gas at Chhara Port, Distt. Gir Somnath-regarding.</p> <p>Dear Sirs,</p> <p>Please refer to your letter No. Nil dated 07/09/2017.</p> <p>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 (MSIHC) Rules, 1989 with following conditions.</p> <ol style="list-style-type: none"> 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. <p>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.</p> <p>This approval/permission does not absolve you from obtaining necessary permission/clearances from other authorities or under other statutes as applicable.</p> <p>All necessary safety precaution shall be taken to prevent accidents.</p> <div style="text-align: right;"> <p>Yours faithfully</p>  (D. K. GUPTA) Dy. Chief Controller of Explosives for Chief Controller of Explosives </div> <p>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.</p> <p style="text-align: right;">for Chief Controller of Explosives</p>	

ANNEXURE 12.1 : APPROVAL FOR COMMISSIONING OF HANDLING STORAGE AND REGASIFICATION HPCL LNG LIMITED – JETTY, CHHARA PORT FROM PESO

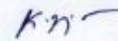
<p>तार-३ "विस्फोटक", नागपुर Telegram: "EXPLOSIVES", Nagpur Website : http://peso.gov.in Email: explosives@explosives.gov.in दूरभाष/ Telephone : 0712-2510248 फैक्स/ FAX : 2510577</p> <p>कार्यालयीन उद्देश्य के सभी पत्रादि "मुख्य विस्फोटक नियंत्रक" के पदनाम से भेजे जाए उनके व्यक्तिगत नाम से नहीं. All communications to this Office should be addressed to the 'Chief Controller of Explosives' and NOT to him by name.</p>	 भारत सरकार GOVERNMENT OF INDIA पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन Petroleum and Explosives Safety Organisation (पूर्व नाम - विस्फोटक विभाग) (Formerly- Department of Explosives) "ए-ब्लॉक", पाँचवा तल, केन्द्रीय कार्यालय परिसर, "A" Block, 5 th Floor, CGO Complex, सेमिनरी हिल्स, नागपुर - 440 006 (महाराष्ट्र) Seminary Hills, Nagpur- 440006
<p>संख्या /No.: G.22 (47)178 Dated: 16/02/2024</p> <p>To,</p> <p>✓ M/s. HPCL LNG Limited, HPCL Regional Office, Petroleum House, Behind Memnagar Fire Station, Navrangpura, Ahmedabad-380009.</p>	
<p>Sub: - Permission for commissioning of handling of LNG Storage and re-gasification terminal by HPCL LNG Limited – Chhara LNG Jetty, at Chhara Village, Kodinar, Taluk, Gir-Somnath, State – Gujarat under (MSIHC) Rules, 1989 - regarding.</p>	
<p>Dear Sirs,</p> <p>Please refer to Joint Chief Controller of Explosives. Vadodara's inspection report memo of even no. dated 17/01/2024 on the above subject and inspection by the officer of 07/01/2024 to 09/01/2024 and your letter No. HPLNG/PESO/2023-24/018 dated 03/08/2023 Commissioning Permission is accorded under (MSIHC) Rules, 1989 with the following Conditions.</p> <ol style="list-style-type: none"> 1) 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. 2) Necessary permission/NOC from the relevant authorities including DG shipping shall be obtained. 3) Every precaution shall be taken to safely operate the pipeline and immediate action is taken if any unsafe condition is noticed at any stage of operation and maintenance. 4) The records of design, fabrication and testing of each section of pipeline, location of welds, material of construction, valves, bends flanges etc. (With identification marking for each weld and fitting) may please be preserved for records. 5) Leak detection system with provisions for identification/location of leak and isolation of affected section shall be establish before charging of Products. 6) Pipeline Integrity Management in future, systems of continuous health monitoring of pipeline and also about protection of Right of Way, Right of Use from encroachment shall be taken care. All due precautions and keeping appropriate Fire Fighting facilities in readiness of use during emergency shall be ensured. 7) SCADA(Supervisory Control and Data Acquisitions) system shall be provided. 8) Accessories and kit for arresting leak shall be provided. Emergency Tools and Tackles shall be arrange ensuring use of non sparking tools. 9) Audit (HAZOP/QRA/Pre commissioning Safety audit) compliance shall be completely fulfilled before charging of products in pipeline. 	

- 10) Security Surveillance system for pipeline shall be provided.
- 11) Annual safety audit report from an independent agency as require under rule 10 of MSIHC-1989 shall be carried out and submitted every year to this office for record.
- 12) Copies of clearance shall be obtain from Ministry of shipping or State Maritime Board for port handling LPG /POL/ Crude Oil.
- 13) Unloading shall either by mechanized arm or by armoured hose as approved by Chief Controller.
- 14) Adequate electric lighting shall be there to facilitate operations during the hours between sunset to sunrise.
- 15) Lights fittings and other electrical equipments or apparatus suitable for such hazardous area which shall comply with the provisions of chapter IV under Petroleum Rules 2002.
- 16) Stringent Fire fighting facilities as per OISD 156 shall be provided at the ports handling LPG and Petroleum.
- 17) All Safety interlocks and pipeline ESD provisions shall be checked for any untoward incident.
- 18) Trained manpower shall be deployed for pipeline operations.
- 19) Locations must adhere to work permit system requirement as per OISD -STD-105(2023)

Adequate safety precaution and SOP's shall be strictly followed to prevent any accident.

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

Yours faithfully



(K. Thiagarajan)

Dy. Chief Controller of Explosives
for Chief Controller of Explosives

Copy forwarded to The Dy. Chief Controller of Explosives, Vadodara.

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
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 संगठन
Petroleum and Explosives Safety Organisation
(पूर्व नाम - विस्फोटक विभाग)
(Formerly- Department of Explosives)

"ए-ब्लॉक 4, पाँचवा तल, केन्द्रीय कार्यालय परिसर,
"A" Block, 5th Floor, CGO Complex,
सेमिनरी हिल्स, 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

(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 subject facilities as and when approached by the applicant and submit his detailed report for further necessary action.

for Chief Controller of Explosives

ANNEXURE 12.1 APPROVAL OF COMMISSIONING PERMISSION OF 2 NOS DIA 36.0000 INCH X LENGTH 1.7000000 KM UNLOADING PIPELINES OF LNG FROM CHHARA LNG JETTY HEAD To LNG STORAGE TANK FROM PESO.



भारत सरकार/Government of India
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)/Petroleum & Explosives Safety Organisation (PESO)
5th Floor, A-Block, CGO Complex, Seminary Hills,
Nagpur - 440006

ई-मेल /E-mail :
explosives@explosives.gov.in
फोन/फैक्स नं. /Phone/Fax No : 0712 -2510248,
Fax-2510577

संख्या/No : A/M/HQ/GJ/PL/70 (P574480)
सेवा में /To,

दिनांक /Dated : 23/02/2024

M/s. HPCL LNG LIMITED,
Priyadarshini Building, 5th Floor, A-Wing,
Sion-Trombay Road, Eastern Express Highway Sion,
SION,
Mumbai,
Taluka: Mumbai,
District: MUMBAI
State: Maharashtra
PIN: 400022

विषय/Sub : MSIHC-1989 के अंतर्गत conditional commissioning permission of 2 nos Dia 36.0000 Inch X Length 1.7000000 km unloading pipelines of LNG From CHHARA LNG JETTY HEAD To LNG Storage Tank having Product Name LNG, Taluka. Others Dist. GIR SOMNATH State Gujarat Pincode :- 362720 to SurveyNo:- LNG STORAGE TANK Taluka. Others Dist. GIR SOMNATH State Gujarat Pincode :- 362720, under MSIHC-1989 reg.

महोदय /Sir(s),

उपरोक्त विषय पर कृपया आपके पत्र क्रमांक OIN1577946 दिनांक 23/01/2024 का संदर्भ ग्रहण करें।/Please refer to your letter No. OIN1577946 dated 23/01/2024, on the above subject.

1. Every precaution shall be taken to safely operate the pipeline and immediate action is taken if any unsafe condition is noticed at any stage of operation and maintenance.

2. पाइपलाइन के प्रत्येक भाग के डिजाइन, निर्माण और परीक्षण के रिकॉर्ड, वेल्ड का स्थान, निर्माण की सामग्री, वाल्व, बेंड फ्लैंग्स आदि प्रत्येक वेल्ड और फिटिंग के पहचान चिह्न के साथ को रिकॉर्ड के लिए संरक्षित किया जाएगा।/The records of design, fabrication and testing of each section of pipeline, location of welds, material of construction, valves, bends flanges etc. (With identification marking for each weld and fitting) may please be preserved for records.

3. Leak detection system with provisions for identification/location of leak and isolation of affected section shall be establish before charging of Products.

4. Pipeline Integrity Management in future, systems of continuous health monitoring of pipeline and also about protection of Right of Way, Right of Use from encroachment, NOC from competent authority for laying of pipeline shall be taken before charging of products in pipeline.

5. Notification under Section 6(1) of PMP Act 1962 regarding acquiring ROW of permission /consent from authority/bodies whose land is being used for laying of the pipeline shall be taken before charging of Products.

6. All due precautions and keeping appropriate Fire Fighting facilities in readiness of use during emergency shall be ensured.

7. SCADA(Supervisory Control and Data Acquisitions) system shall be provided.

8. Accessories and kit for arresting leak shall be provided. Emergency Tools and Tackles shall be arranged ensuring use of non sparking tools.

9. Audit (HAZOP/QRA/Pre commissioning Safety audit) compliance shall be completely fulfilled before charging of products in pipeline.

10. Security Surveillance system for pipeline shall be provided.
11. Annual safety audit report from an independent agency as require under rule 10 of MSIHC-1989 shall be carried out and submitted every year to this office for record.
12. Lights fittings and other electrical equipments or apparatus suitable for such hazardous area which shall comply with the provisions of chapter IV under Petroleum Rules 2002.
13. All Safety interlocks and pipeline ESD provisions shall be checked for any untoward incident.
14. Trained manpower shall be deployed for pipeline operations.
15. This approval/permission does not absolve you from obtaining necessary permission/clearance from all authorities or under other statutes as applicable under various rules and acts.
16. The Periodic Schedule carried out on Intelligent pigging of the pipeline shall be submitted to this office for records along with a latest report of OISD audit carried out.
17. Locations must adhere to work permit system requirement as per OISD -STD-105(2023)
18. The Remarks mentioned in various audit reports shall be complied before commissioning of pipelines in the interest of safety.

चूंकि विषयक पाइपलाइन की स्थापना/बिछाने का काम पूर्ण हो चुका है और आपके द्वारा उक्त पाइपलाइनों के हाइड्रो टेस्ट की रिपोर्ट संतोषजनक होने की पुष्टि की गई है, उपरोक्त पाइपलाइन के प्रवर्तन हेतु MSIHC-1989 के प्रावधान के अनुसार, कोई आपत्ति नहीं है। पाइपलाइन को सुरक्षित रूप से संचालित करने के लिए हर सावधानी बरती जाएगी और संचालन और रखरखाव के किसी भी चरण में कोई असुरक्षित स्थिति पाए जाने पर तत्काल कार्रवाई की जाएगी।/Since installation/Laying of the subject pipeline have been completed and the report of hydro tests conducted of the said pipelines have been confirmed by you as being satisfactory, there is no objection to your CONDITIONAL commissioning the above pipeline as per the conditions mentioned above and provisions of MSIHC-1989. Every precaution shall be taken to safely operate the pipeline and immediate action is taken if any unsafe condition is noticed at any stage of operation and maintenance.

पाइपलाइन के प्रत्येक भाग के डिजाइन, निर्माण और परीक्षण के रिकॉर्ड, वेल्ड का स्थान, निर्माण की सामग्री, वाल्व, बेंड फ्लैंग्स आदि (प्रत्येक वेल्ड और फिटिंग के पहचान चिह्न के साथ) को रिकॉर्ड के लिए संरक्षित किया जाएगा।/The records of design, fabrication and testing of each section of pipeline, location of welds, material of construction, valves, bends flanges etc. (With identification marking for each weld and fitting) may please be preserved for records.

कृपया ध्यान दें कि पाइप लाइन का संचालन प्रस्तुत एसओपी के अनुसार किया जाएगा और सुरक्षित उपयोग और संचालन सुनिश्चित करने के लिए नियमित गश्त की जाएगी। MSIHC-1989 के नियम 10 के तहत आवश्यकतानुसार एक स्वतंत्र एजेंसी से वार्षिक सुरक्षा लेखा परीक्षा रिपोर्ट तैयार की जाएगी और रिकॉर्ड के लिए प्रत्येक वर्ष इस कार्यालय को यह रिपोर्ट प्रस्तुत की जाएगी।/Please note that operation of the pipeline shall be done according to SOP's furnished and regular patrolling is undertaken to ensure safe use and operation. Annual safety audit report from an independent agency as require under rule 10 of MSIHC-1989 shall be carried out and submitted every year to this office for record.

भवदीय /Yours faithfully,

(K. Thiagarajan)
Jt. Chief Controller of Explosives
For Chief Controller of Explosives
Nagpur

प्रतिलिपि अग्रिम, अनुमोदित आरेखण की एक प्रति के साथ - /
Copy along with a copy of the approved drawing is forwarded to the
Jt. Chief Controller of Explosives, Vadodara, VADODARA

(स्थिति, शुल्क और अन्य विवरणों के बारे में अधिक जानकारी के लिए कृपया हमारी वेबसाइट <http://peso.gov.in> देखें)/
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

नोट:- यह सिस्टम जनित दस्तावेज है जिसके लिए हस्ताक्षर की आवश्यकता नहीं है।/
Note:-This is system generated document does not require signature.

ANNEXURE 12.2 APPROVAL OF CONDITIONAL COMMISSIONING PERMISSION OF 1 NO OF DIA 12.0000 INCH X LENGTH 1.7000000 KM FROM LNG JETTY HEAD TO BOG COMPRESSOR HAVING PRODUCT NAME NATURAL GAS PIPELINE FROM PESO.



भारत सरकार/Government of India
वाणिज्यिक और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)/Petroleum & Explosives Safety Organisation (PESO)
5th Floor, A-Block, CGO Complex, Seminary Hills,
Nagpur - 440006

ई-मेल /E-mail :
explosives@explosives.gov.in
फोन/फैक्स नं. /Phone/Fax No : 0712 -2510248,
Fax-2510577

संख्या/No : A/M/HQ/GJ/PL/71 (P574481)

दिनांक /Dated : 23/02/2024

सेवा में /To,

M/s. HPCL LNG LIMITED,
Priyadarshini Building, 5th Floor, A-Wing,
Sion-Trombay Road, Eastern Express Highway Sion,
SION,
Mumbai,
Taluka: Mumbai,
District: MUMBAI
State: Maharashtra
PIN: 400022

विषय/Sub : MSIHC-1989 के अंतर्गत conditional commissioning permission of 1 no of Dia 12.0000 Inch X Length 1.7000000 km from LNG jetty head TO BOG compressor having Product Name Natural Gas pipeline from KhasraNo:- CHHARA LNG TERMINAL JETTY HEAD TO BOG compressor Taluka. Dist. GIR SOMNATH State Gujarat Pincode :- 362720 to KhasraNo:- LNG STORAGE TANK Taluka. Others Dist. GIR SOMNATH State Gujarat Pincode :- 362720, under MSIHC-1989 reg.

महोदय /Sir(s),

उपरोक्त विषय पर कृपया आपके पत्र क्रमांक OIN1577900 दिनांक 23/01/2024 का संदर्भ ग्रहण करें।/Please refer to your letter No. OIN1577900 dated 23/01/2024, on the above subject.

1. Every precaution shall be taken to safely operate the pipeline and immediate action is taken if any unsafe condition is noticed at any stage of operation and maintenance.

2. पाइपलाइन के प्रत्येक भाग के डिजाइन, निर्माण और परीक्षण के रिकॉर्ड, वेल्ड का स्थान, निर्माण की सामग्री, वाल्व, बेंड फ्लैंग्स आदि प्रत्येक वेल्ड और फिटिंग के पहचान चिह्न के साथ को रिकॉर्ड के लिए संरक्षित किया जाएगा।/The records of design, fabrication and testing of each section of pipeline, location of welds, material of construction, valves, bends flanges etc. (With identification marking for each weld and fitting) may please be preserved for records.

3. Leak detection system with provisions for identification/location of leak and isolation of affected section shall be establish before charging of Products.

4. Pipeline Integrity Management in future , systems of continuous health monitoring of pipeline and also about protection of Right of Way, Right of Use from encroachment, NOC from competent authority for laying of pipeline shall be taken before charging of products in pipeline .

5. Notification under Section 6(1) of PMP Act 1962 regarding acquiring ROW of permission /consent from authority/bodies whose land is being used for laying of the pipeline shall be taken before charging of Products.

6. All due precautions and keeping appropriate Fire Fighting facilities in readiness of use during emergency shall be ensured.

7. SCADA(Supervisory Control and Data Acquisitions) system shall be provided.

8. Accessories and kit for arresting leak shall be provided. Emergency Tools and Tackles shall be arranged ensuring use of non sparking tools.

9. Audit (HAZOP/QRA/Pre commissioning Safety audit) compliance shall be completely fulfilled before charging of products in pipeline.

10. Security Surveillance system for pipeline shall be provided.
11. Annual safety audit report from an independent agency as require under rule 10 of MSIHC-1989 shall be carried out and submitted every year to this office for record.
12. Lights fittings and other electrical equipments or apparatus suitable for such hazardous area which shall comply with the provisions of chapter IV under Petroleum Rules 2002.
13. All Safety interlocks and pipeline ESD provisions shall be checked for any untoward incident.
14. Trained manpower shall be deployed for pipeline operations.
15. This approval/permission does not absolve you from obtaining necessary permission/clearance from all authorities or under other statutes as applicable under various rules and acts.
16. The Periodic Schedule carried out on Intelligent pigging of the pipeline shall be submitted to this office for records along with a latest report of OISD audit carried out.
17. Locations must adhere to work permit system requirement as per OISD -STD-105(2023)
18. The Remarks mentioned in various audit reports shall be complied before commissioning of pipelines in the interest of safety.

चूंकि विषयक पाइपलाइन की स्थापना/बिछाने का काम पूर्ण हो चुका है और आपके द्वारा उक्त पाइपलाइनों के हाइड्रो टेस्ट की रिपोर्ट संतोषजनक होने की पुष्टि की गई है, उपरोक्त पाइपलाइन के प्रवर्तन हेतु MSIHC-1989 के प्रावधान के अनुसार, कोई आपत्ति नहीं है। पाइपलाइन को सुरक्षित रूप से संचालित करने के लिए हर सावधानी बरती जाएगी और संचालन और रखरखाव के किसी भी चरण में कोई असुरक्षित स्थिति पाए जाने पर तत्काल कार्रवाई की जाएगी।/Since installation/Laying of the subject pipeline have been completed and the report of hydro tests conducted of the said pipelines have been confirmed by you as being satisfactory, there is no objection to your conditional commissioning as per the conditions mentioned above, the above pipeline as per the provision of MSIHC-1989. Every precaution shall be taken to safely operate the pipeline and immediate action is taken if any unsafe condition is noticed at any stage of operation and maintenance.

पाइपलाइन के प्रत्येक भाग के डिजाइन, निर्माण और परीक्षण के रिकॉर्ड, वेल्ड का स्थान, निर्माण की सामग्री, वाल्व, बेंड फ्लैंग्स आदि (प्रत्येक वेल्ड और फिटिंग के पहचान चिह्न के साथ) को रिकॉर्ड के लिए संरक्षित किया जाएगा।/The records of design, fabrication and testing of each section of pipeline, location of welds, material of construction, valves, bends flanges etc. (With identification marking for each weld and fitting) may please be preserved for records.

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भवदीय /Yours faithfully,

(K. Thiagarajan)
Jt. Chief Controller of Explosives
For Chief Controller of Explosives
Nagpur

प्रतिलिपि अग्रेषित, अनुमोदित आरेखण की एक प्रती के साथ - /
Copy along with a copy of the approved drawing is forwarded to the
Jt. Chief Controller of Explosives, Vadodara, VADODARA

(स्थिति, शुल्क और अन्य विवरणों के बारे में अधिक जानकारी के लिए कृपया हमारी वेबसाइट <http://peso.gov.in> देखें।)
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

नोट:- यह सिस्टम जनित दस्तावेज है जिसके लिए हस्ताक्षर की आवश्यकता नहीं है।/
Note:-This is system generated document does not require signature.

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'DurgamChaudhary
@timesgroup.com

New Delhi: A recently released study has found that hookah smoking is more addictive than a full stick of cigarette. Short-term exposure to high levels of carbon monoxide and other toxic compounds can cause toxicity and interfere with oxygen capacity.

In a scientific statement published in Circulation, an international medical journal, the American Heart Association (AHA) has warned that hookah smoking contains significantly higher levels of heavy and more toxic hydrocarbons than cigarette smoke. It also has cardio-respiratory risks such as aortic aneurysm.



HOW HOOKAH AFFECTS HEART AND LUNGS

SHORT-TERM USE Increases heart rate by 6 to 13 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).

nic compounds and heavy metals like cadmium and lead that can injure the blood vessels and the brain.

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 for those who consider hookah harmless. "It is a new find among youngsters, and parents tend to overlook the habit because public perception is that this is less harmful than cigarette smoking. The AHA statement puts the risks in perspective," said Dr. Anoop Misra, chairman, Kerala CAC.

A US survey found that in 2010 around 10% of high school students had used hookahs in the past year. The usage was higher among boys (25%) than girls (21%). 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. Also, the government should start campaigns to bust the myths about the hookah being harmless."

In a shisha, the tobacco is placed in the device's bowl and is heated. It is moist and does not burn in a self-sustaining flame. A charcoal is placed over it. Flavours of apple, mint, cherry, orange, chocolate and others are added to mask the acid taste of tobacco.

The popular perception is that the water in the bowl absorbs the toxins from the tobacco smoke, rendering it safe for the smoker. But the AHA statement cautions that the toxicity is actually higher. "The smoke both mainstream and sidestream water pipe tobacco contains constituents similar to those generated by cigarettes. The use of water pipe could similarly lead to short-term cardiovascular changes in addition to long-term cardiovascular effects," AHA said.

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, presented in court on Sunday, was arrested in Sikanderpur, he added.

On February 10, 2016, a woman had lodged a complaint alleging that Verma, who was known to her since 2013, had taken her to Gurgaon where he offered her a cold drink laced with sedatives. When she lost consciousness, he allegedly raped her and filmed the act, police said.

She had further alleged that the accused sexually exploited her several times by threatening to share her photographs and video clips on social networking sites, Verma Kumar, Deputy Commissioner of Police, Gurgaon, said.

A case was registered in the court in Gurgaon on February 10, 2016, and the accused was being absconding since then. Kumar said, adding that due to non-availability of his address proof, he could not be traced.

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

Abhinav Datta
@timesgroup.com

New Delhi: Can prisoners be allowed to vote? Delhi High Court has sought the opinion of the Election Commission of India and the state election authorities in the matter.

At present, only a citizen who is not a prisoner has the right to vote. In the case of prisoners, who are in a separate class of prisoners.

A bench of Chief Justice Ranjana Khosla and Justice V.R. Krishna Rao asked the election authorities of home and law and justice to respond to the petition filed by three law students challenging the constitutionality of section 62 of the Representation of People Act, which disqualifies prisoners from voting.

The three law students, Praveen Kumar, Anurag Kumar, and Prerna Singh, filed a petition, which sought a blanket ban on the right to vote of prisoners in a constitutional case.



The Delhi HC is hearing a petition filed by three law students against section 62 of the Representation of People Act, which deprives prisoners of their right to vote.

The Delhi HC is hearing a petition filed by three law students against section 62 of the Representation of People Act, which deprives prisoners of their right to vote.

The petition says that all people in any kind of confinement either in jails or police stations or at any other place, should be allowed to vote and regulate facilities for the same should be made available.

The voting restriction imposed on the prisoners is contrary to the basic principle of equality.

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The voting restriction imposed on the prisoners is contrary to the basic principle of equality.

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

Times News Network

New Delhi: Be cautious while searching for customer care numbers of e-commerce websites on the internet as fraudsters have faked search engines with fake sites and numbers to cheat people by making them reveal their account details.

Benny Gupta learned about this the hard way when his daughter ended up on a similar fake website of a popular e-commerce portal. A man posing as a customer care representative not only emptied the woman's bank account but even sent her messages showing the transactions he was making.

MODUS OPERANDI

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

Whenever someone calls for any reason, they make the person share confidential bank details and transfer the money.

HOW TO PROTECT YOURSELF

Check website URL properly and security certificate.

Don't access sites after getting the SMS.

Be cautious while sharing personal details.

Be cautious while sharing personal details.

Be cautious while sharing personal details.

Be cautious while sharing personal details.

king to my daughter he managed to make her share the account details on the pretext of transferring the money. He then started receiving messages of withdrawal being made from my account and before I could get the card blocked, he had already taken Rs. 15,000," Gupta said.

The woman shared the details with her bank officials and asked them if it was safe to keep the amount in the account as she had to pay the EMIs of her house. She was assured that there was no harm would be done since the ATM card had been blocked.

"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 money. He then started receiving messages of withdrawal being made from my account and before I could get the card blocked, he had already taken Rs. 15,000," Gupta said.

mock me, he even sent me a message saying 'I am sorry'. My husband called him and he requested him to give back the money but he snapped back, 'the woman said, adding that in total she had lost approximately Rs. 52,000 in the scam.

Cops said to register a case, which is being investigated. The woman said she had lost the money in a scam. She was assured that there was no harm would be done since the ATM card had been blocked.

"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 money. He then started receiving messages of withdrawal being made from my account and before I could get the card blocked, he had already taken Rs. 15,000," Gupta said.

Minor girl raped, killed in Punjab

Ludhiana: A seven-year-old girl was allegedly raped and killed in Punjab.

The girl was found dead in a field near her home. The police are investigating the case.

The girl was found dead in a field near her home. The police are investigating the case.

The girl was found dead in a field near her home. The police are investigating the case.

M/s Simar Port Pvt Ltd

SP Centre, 41/44, Minoo Desai Marg, Colaba, Mumbai - 400005

(Maharashtra), Phone : 022 67 48 9495 - Fax : 022 67 48 9420

PUBLIC NOTICE

Government of India, Ministry of Environment, Forest and Climate Change, India, Praveen Kumar, Anurag Kumar, and Prerna Singh, filed a petition, which sought a blanket ban on the right to vote of prisoners in a constitutional case.

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BEATING SUMMER HEAT, THE CHIMP WAY



KEEPING COOL: With temperature soaring, Mysuru zoo has added more fruits to the diet of its inmates.

While speakers have been installed at entrances to keep animals stay cool under the blazing sun, chimpanzees and African apes are being served tender coconuts. Mysuru's temperature has soared to 37.9 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.

Maha moots quota for medical aspirants promising rural service

Chattanooga, India: The Maharashtra government has announced a quota for medical aspirants who promise to serve in rural areas.

The quota is for medical aspirants who promise to serve in rural areas. The quota is for medical aspirants who promise to serve in rural areas.

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At the Bio-lab factory in Ramnagar, Bengaluru, eight machines convert three tonnes of paddy straw into pulp every day.

The pulp is then used to manufacture sustainable tableware and packaging material.

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Minor girl raped, killed in Punjab

Ludhiana: A seven-year-old girl was allegedly raped and killed in Punjab.

The girl was found dead in a field near her home. The police are investigating the case.

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११-०३-२०१६	शुभ्राङ्ग आभूति
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દીવ કલેક્ટરે પોતાના ત્રણ મહિનાના બાળકને જાતે પોલીયોની રસી પીવડાવી



વિભાગ દ્વારા ૨૮ બુધવાર
આશરે ચાર હજાર
બાળકોને પોલીયોની રસી
આપવામાં આવી

આપ્રસંગે સ્વાસ્થ્ય
મધિકારી ડૉ.કાસીન
સુક્ષ્મતાને જણાવ્યું કે, આપણા
દેશમાં પોલીયોના વાયરસ
કરિવાર પ્રવેશ ન કરે અને
કોઈપણ બાળક આ વાયરસનો
શિકાર ન બને તે માટે ૦ થી પાં
વર્ષ સુધીના તમામ બાળકોને
પોલીયોની રસી આપવી ખુબ જ
જરૂરી છે.

સ્વાસ્થ્ય વિભાગ દ્વારા
અલગ-અલગ ટીમો પણ
બનાવેલ. જે થોડાલોક પોસ્ટ,
તક ચેક પોસ્ટ, નાગવા, દીવ
બસ સ્ટેન્ડ જેવી દીવમાં ફરવા
આવનાર પર્યટકોના બાળકોને
આ રસી આપી શકાય. બાકી
રહેલા બાળકોને આરોગ્ય ટીમ
ઘરે ઘરે જઈને રસી આપશે.

(સાક્ષી કાસમાણી દ્વારા) દિવ તા.૧૦
દિવ કલેક્ટર હેમંતકુમારે પોતાના મુલ મહિનાના બાબત
જનને પોલીયોની રસો પીવડાવી અને કલેક્ટર હેમંતકુમારે
પોલીયોની દીમની રસો કામગીરીની પ્રશંસા કરી એ આરોગ્ય
સિલ્લા કમીટીને શુભેચ્છા પાઠવી.
અને ઉલ્લેખનીય છે કે, દિવ કલેક્ટરના પુત્રનો જન્મ પણ
દિવ સંસ્કારી હોરિંગદામમાં થયો છે. દિવ કલેક્ટરના આ પ્રશંસા
અનુકરણીય ઉદાહરણોથી પ્રેરણા મળતી રહે છે.

દીવ સીએચસીમાં નર્સિંગ સ્ટાફ માટે બે દિવસની તાલીમ યોજાઈ



(શકીલ અસપાળી દ્વારા)

નવા સ્ટાફ નર્સની નિયુક્તી
દીવ તા.૧૦
સામુદીક આરોગ્ય કેન્દ્ર
સામુદીક આરોગ્ય કેન્દ્ર
નવજીત સીમુ રૂરલા કાંકમની
એ દિવસની તાલીમનું
આયોજન કરવામાં આવ્યું
નાજેતરમાં દિવ છલ્લામાં ૧૦
નવા સ્ટાફ નર્સની નિયુક્તી
કરવામાં આવેલ છે. આ
તાલીમમાં નવા જન્મેલા
સામુદીક આરોગ્ય કેન્દ્રની
સારવાર અંગે આરોગ્ય
અધિકારી ડૉ.કાસમી મુલાને
અને ડૉ.અજય શામા દ્વારા
માર્ગદર્શન આપવામાં આવ્યું.

દીવ જાયન્ટ્સ ગ્રુપ દ્વારા આંતરરાષ્ટ્રીય
મહિલા દીનની શાનદાર ઉજવણી



A close-up photograph of a concrete wall. On the left, there is a dark, rectangular opening, possibly a doorway or a window. To the right of this opening, there is a small, circular hole or vent. The concrete surface is textured and shows some signs of wear or discoloration.



શ્રીમદ્ધામણ્યમ	ઉપસાધાઓ	ઉપસિદ્ધાઓ	આયસર્વજનગનનું સન્માન
દીવત દારો	મિલિઓનો	શુભકાના	કરવામાં અર્ચ્યું
દીવ જાપન્ટસ ગુપ્ત દ્વારા	પાઠવી	સાથે	આ પ્રશ્ને જાણવડના
અભારીપાવ	હોમા	નવી એટલે એવું જગના	પ્રમુખ ધારા હરોશી, સેઠી,
આસરોપીય મિલિટા દિવાળી	લોહો	જેની ભાવનાને પાત્રો	માઠીકાળો, મોઠી,
કંઠકોપીયુટર, દીપ ગણતરના	નવી રાકાપ એવે જવાબ એટલે	ઉપનમુખ નીતીપત્રને મોરિક,	
સાધ્યનાં અને મહેમાનોનું	નવી	મિલિઓનું	રાજધાની જેથી, હેમલતા
કાલિદાસ કરેલાં અર્ચન	માનવ સમુદાય	વારીયા	જુનામહાલનાં મિલિઓ
કોપકમના મુખ મહાના	આ કારકમના રાષ્ટ્રીય	નર્તન	મોટી માત્રામાં મિલિઓ
કોપકમનાં મિલિટા દિવાળી	એવોડ	વિજેના	નર્તન ઉપસિદ્ધી નર્ત

દીવ કલેક્ટરે અધિકારીગણ અને મીડીયા કર્મીઓ સાથે લોકસભાની ચૂંટણી સંદર્ભે બેઠક યોજી



(ચાલીકા કાસમાણી દારા)	કુલ ૩૮ જાદર મતદારો છે, ૫૫	આસી. કાયરેક્ટર આઈ
દીપ તા. ૧૦	પોલીંગ સેશનમાં આ દરેક	એકાઉન્ટ મનોજ કામલીયા,
આજરોજ ભારત ચુનાવ	પોલીંગ સેશનમાં દરેક સુવિધા	પોલીટીકીક
આયોજ્ય દારા લોકસભાની	પાલી, વીજળી, સીઆરબી	ગજવાળા, જયેશ ધંધુભીખા,
મંડેલીની તારીખો જાહેર થતા	સુવિધા રહેશે. દરેક પોલીંગ	અંતરવામી પરિન્દા,
જ દીપ કલેક્ટર હેમંતકુમાર	બુખનું વિડીયોગ્રાફી થશે. ચુરસ	માટીનો સલીમ અહમદ પાસ
આજે	જુઓનું વિડીયોગ્રાફી થશે. મારાની	મીનાબી

[illegible]

જેતાપુર શ્રી પુરુષોત્તમ ધામ હવેલી ખાતે આજથી
ત્રિદિવસીય ધાર્મિક મહોત્સવનો પ્રારંભ

(મીનાતી વસાણી દોરો)	પુરોહિત મંત્ર	પાંચ ઈશ્વરીય ને પવના દ્રાવે,
રજશ્વેતે તા.૧૦	હવેનીના ચતુર્થ પાટોત્તરને	સખા પ્રવન, છંકડેની
જેતપુરના પુરોહિત મંત્ર	તરંગે પશ્ચિમનામીની તથા	મનોરથ જેવા અંકેની વીધ
પુરોહિત મીનાતી, મહિલા વતન	સત્તંગ પ્રત્યુત્થાને વેગ	કાળકાળથીયે ધોણેયો.
નવા વૃત્ત મહિલા ઉપરશ્ચે મી	આવાના અગ્રવિનિયંતે તા.૧૧	નિલિવિનાના પા પાકિય
પુરોહિતમંત્રણ હવેનીનો મંત્ર	મેલેયે કે આજે મોતીના	આવાપના સસાતી મંત્રના
પાટોત્તરના તથા સત્તરંગ	મહાવિના મનોરથે મેલે ૬.૩૦	આવાપં પિરિવત તથા રાગના
મહોત્સવના નિકલિવિવન	કથાકે તા.૧૨ ને વંચનાવા	પૂર્વ મંત્રીની જન્મખતીનેવન
પાકિય મહોત્સવનો આજીય	સર્વે હુમ મનોરથે તા.૧૩ના	કોરાટ ખાસ ઉપસિત
પ્રકલ્પ મંત્ર	હાથરી રાસ તથા મંત્રના	સર્વે જીવધનનો નેવે

જેતપુરાના સુદામાજી ૫૫૦ મોરવાળી કુળકુમારજી અતીથિક કાર્યક્રમનો લાભ લેવા વિસ્તાર ખાતે આવેલી શ્રી મહોદયનું પ્રાગટ્ય દીનની અખીલ કરાઈ છે.

વેરાવળ નગરપાલિકા દ્વારા ૩૨ લાખના રોડ બનાવવાનું ખાતમૂહત કરાયું



(મિત્રે પદમાર દ્વારા)

સુધાગી ના હસ્તે કરવામાં આવેલ હતું. જેને અંજારાત ખર્ચે ઉતર લાખ જેટલો બનાવ છે અજના-આખા ખૂર્ત કાશ્મીર ના નવરપાલિકા પ્રમુખ મંજુલાબેન સુધાગી, કાશી નવરપાલિકા ઉસ્તદ સેલ સુધી પહોંચીને સ્થાન ના પ્રમુખ રાજુભાઈ સુધાગી થાઈર આપેલ પ્રમુખ પ્રલિષ્ઠ ભાઈ આપેલ યીવા, એક ઓ આઈ ના કડીટી મેમ્બર કડીટીભાઈ સુધાગીના સ્થાનિતી યીવામાં લોકો પહોંચીને સ્થાન ના

[illegible]

એચપીસીએલ શાપુરજી એનર્જી પ્રાઇવેટ લિમિટેડ
(એચએસઈપીએલ)

[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

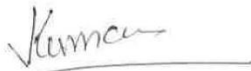
Page 1 of 2

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 SUPRETENDENT OF POLICE OFFICE FOR ESTABLISHMENT OF HEALTH CENTRE



No.CB-HC/GYM/HPCL/ 59 /2023
Office of the S. P. Gir-Somnath
Jilla Seva Sadan Inaj, Veraval
Dist : Gir-Somnath (Veraval)
Phone : (02876) 222250 Fax: 222110
Date: 28/06/2023

To,
HPCL LNG Limited,
Chhara LNG Terminal,
Kodinar, GirSomnath

Kind attention: - General Manager -Projects
Subject: - Establishment of Health Centre at Police HQ (Gir Somnath) by
HPCL LNG Limited under CER Scheme

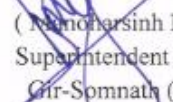
This has to reference to Collector & DM- Gir Somnath letter no.DISASTER /CSR/301/2023- letter dated 30-January,2023 and Office of Superintendent of Police- Gir Somnath letter no. cb-hc/health/100/2574/2022 letter dated-18-February-2022 for Establishment of Health Centre at our Police HQ at Inaj, Veraval, Gir Somnath.

As you are aware the nature of Job of Police persons leads to lot of Health issues. In order to address these, we are encouraging our police force for fitness and healthy lifestyle. Hence, to enhance the physical fitness there was a need for establishment of a Health Centre for Police persons and general public of Gir Somnath.

To full fill the above requirements we have approached HPCL LNG Limited vide above letter for contribution under CSR/CER Funds. In respond to which, HPLNG (100% subsidiary of HPCL) has offered support for procurement of Health equipment's and furnishing of Health centre at Police HQ.

Whereas ,on 24th May-2023 HPLNG team has successfully handed-over the entire Health Equipment's to our nominated Police HQ Representative on behalf of Office of Superintendent of Police after successful instalment and commissioning of Equipment's as per list of items in Annexure-I. During testing it was found that the Health Equipment's provided were of standard brand and quality. We here confirm that Health Equipment's are working satisfactorily and fulfilling the requirement of health care at Police HQ.

We would also like to take this opportunity to thank HP LNG team for this Noble cause Donation which will go a long way in promoting health and wellness among Police Persons and general public of Gir Somnath District.

()
Superintendent Of Police
Gir-Somnath (Gujarat)

ANNEXURE 17: PHOTOGRAPHS

Tool box talk for construction workers



Construction workers using PPEs (Welder with full body Aprons and Leather hand gloves)

**ENVIRONMENT DAY CELEBRATIONS**

Sanitation facility at Construction site



DG Set at Construction site



Safety slogans at site



Boundary wall with CCTV surveillance and Intrusion detection system

Tree Plantation drive by HP LNG

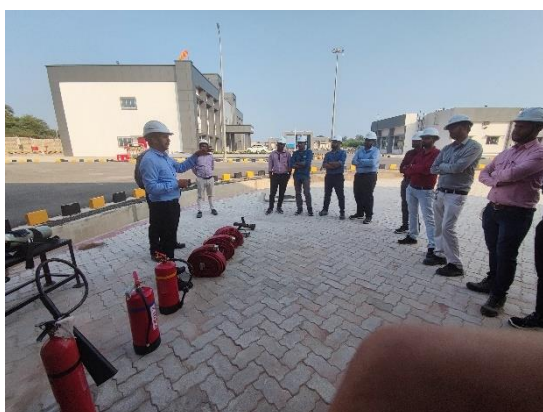


Site Training photos

First Aid Centre at Site



Medical facilities provided at Site



Fire, Safety and first aid training sessions at site



Green Belt area being developed by HPLNG inside premises