

SIX MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

July 2020 – December 2020

For

“LPG Bottling Plant of capacity 21,000 MTPA”

EC OBTAINED Vide File No J-11011/270/2015-IA II (I) Date: 16.12.2016

By

M/s SHV ENERGY PRIVATE LIMITED

At

SIPCOT Industrial Park, Village
Thervoy Kandigai, Taluk Gummidipoondi, District Thiruvallur, Tamil Nadu

Submitted to

MINISTRY OF ENVIRONMENT AND FOREST,
REGIONAL OFFICE,
34, CATHEDRAL GARDEN ROAD,
NUNGAMBAKKAM, CHENNAI – 600 034.

December 2020

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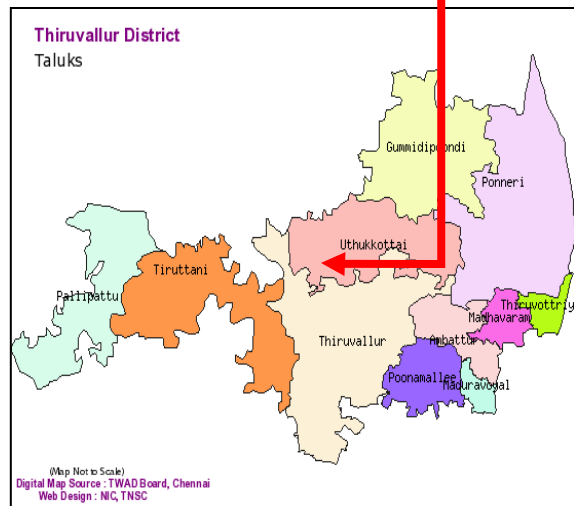
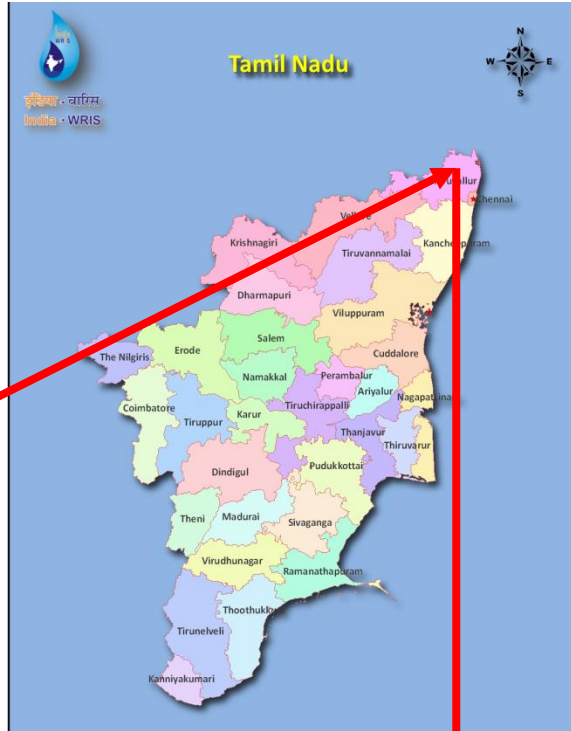
1.0 OPERATION DETAILS

Nature of the Company	“ LPG Bottling Plant of capacity 21,000MTPA”
Company Name	M/s SHV Energy Pvt Ltd.,
Company Location	SIPCOT Industrial Park, Thervoy Kandigai Village, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu.
File No	J-11011/270/2015-IA II (I) Date: 16.12.2016 (Enclosed as Annexure A)
Capacity	21000 MTPA
Total land area	40468.6Sq.m
Power Requirement	315 KVA (Source TNEB) DG-1 x 160 KVA& 1 x 82.5 KVA (back up)
Water Requirement	8 KLD (Source SIPCOT)
No. of employees	30 Persons
Asset Value cost	29.25 Crores

2.0 LOCATION ADDRESS

SHV Energy Private Limited

Plot No: A 11/2, Part A SIPCOT Industrial Park, Thervoy kandigai village, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu – 601202



3.0 SITE PHOTOGRAPH

Current Status



4.0 SIX MONTH ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT

S.No	Conditions	Compliance
A. Specific Conditions		
i.	Adequate buffer zone around the LPG Marketing Terminal shall be provided, as may be required as per OISD or other statutory requirements.	Not applicable since ours is not LPG marketing Terminal
ii.	Regularly monitoring of VOC and HC in the work zone area in the plant premises should be carried out and data be submitted to Ministry's Regional Office at Chennai, CPCB and State Pollution Control Board. Quarterly monitoring for fugitive emissions should be carried out as per the guidelines of CPCB and reports submitted to Ministry's Regional Office at Chennai.	Regularly monitoring of VOC and HC in the work zone area in the plant premises are being carried out and Monitoring data is enclosed as Annexure 13.
iii.	Total fresh water requirement from SIPCOT water supply should not exceed 10m ³ /day. No ground water shall be used.	The total usage of fresh water per day is below the limit of 10 M ³ /day.
iv.	Domestic sewage should be treated in mini STP and Industrial effluent should be treated in the ETP.	ETP & STP reports are attached in Annexure 13.
v.	The company should construct the garland drain all around the project site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system should be created for oil contaminated and oil contaminated streams. During rainy season, the storm water drains should be connected to oil water separator and passed through guard pond. Water quality monitoring of guard, pond should be conducted.	Condition complied. Rainwater drains are mentioned in attached layout. Site layout is enclosed as Annexure 10.

S.No	Conditions	Compliance
vi.	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	PESO Approval received. Onsite and offsite disaster management plans have been implemented as per the DISH. Details of DISH acknowledgment is enclosed as Annexure 03
vii.	The company should obtain all requisite clearances for fire safety and explosives and should comply with the stipulation made by the respective authorities.	Fire NOC has been obtained and enclosed as Annexure 02 .
viii.	Emergency Response Plan should be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill should be conducted once in a 6 month.	Emergency Response Plan has been implemented as per guidelines prepared by OISD, DGMS and Govt. of India. Mock drill has been conducted enclosed as Annexure 08
ix.	Additional safety measures should be taken by using remote operated shut off valve, double block & bleed valve (DBB), impervious dyke wall and un-bonded flexible roof drain pipe.	Additional safety measures are implemented.
x.	Unit should carry out safety audit and report submitted to the Ministry and its Regional Office at Chennai within six months.	Condition complied. Audit completed on 07.12.2020. Report has been submitted to the Regional Office Chennai on 19.02.2020.
xi.	LPG transfer line from refinery to the LPG terminal shall be laid underground with adequate Cathodic protection against External Corrosion and the SCADA system.	No transfer line from refinery and there is no underground line inside the plant. Hence not applicable
xii.	Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.	For the period of 2020 and all records are maintained properly as per the Factory Act.
xiii.	Green belt should be developed in 33% of the plot area to mitigate the effect of fugitive emission all around the plant in consultation with DFO as per CPCB guidelines. Thick green belt around factory premises should be ensured.	33% of Greenbelt will be developed in the plot area. Greenbelt marked Photos are attached as Annexure 14 .

S.No	Conditions	Compliance
xiv.	The Company should harvest surface as well as rainwater from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	Condition agreed upon.
xv.	All the recommendations mentioned in the EMP should be implemented.	The Annexure for the same is disclosed here as Annexure – 13.
xvi.	As proposed, 5000 cylinder (domestic) shall be distributed under Enterprise Social Commitment (ESR) to the BPL card holders to the nearby villagers for domestic use with consultation of district administration. Proper record to be maintained and monthly report to be given district authority.	Process already Initiated. Proposal given to district collector office. Collector office is in process of collecting data for distribution of cylinder in a best manner.
xvii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Project Completed & Plant is operational. All temporary structures have been removed in a proper manner.

General Conditions:-

S.No	Conditions	Compliance
i.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	Accepted and noted. Project Completed & Plant is operational.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	The project is completed, and the Plant is operational so no further expansions or modifications shall be carried out.
iii.	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	AAQ monitoring locations are 1. Near Main Gate (up wind) 2. Near ETP (Downwind) Indoor Air Quality 1. At Admin Office Annual predominance of wind is from South West to North East. AAQMS demarcated on site layout Attached as Annexure-.13
iv.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Accepted and noted
v.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	The noise emissions are monitored through external agency and as per the reports the levels are within the limit. Reports are enclosed as Annexure 13.

vi.	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Accepted and noted
vii.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Trainings given to employees and other workers. Proof of the same is enclosed as Annexure -09
viii.	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Accepted and noted.
ix.	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	Complied, CSR activities are enclosed as Annexure 07
x.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Complied. Seed ball or distribution will be done to SIPCOT office and nearby village school by May 2021.
xi.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Laboratory facilities is being outsourced through approved laboratory agencies

xii.	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose	M/s SHV Energy Private Limited adheres to the condition and will not divert environment management fund for any other purpose.
xiii.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions / representations, if any, were, received while processing the proposal.	Project completed, Plant is operational from January 2019.
xiv.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	Accepted & same is being submitted once in six month.
xv.	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Submitted for financial year 2019-20. Annexure Enclosed as Annexure - 17

xvi.	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p>	Project Completed & Plant is operational.
xvii.	<p>The project authorities 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 the project.</p>	<p>Project Completed & Plant is operational. Acknowledgement copy enclosed as Annexure 16</p>

**Shortfalls observed in the half yearly compliance report submitted for the
period of July to December 2019**

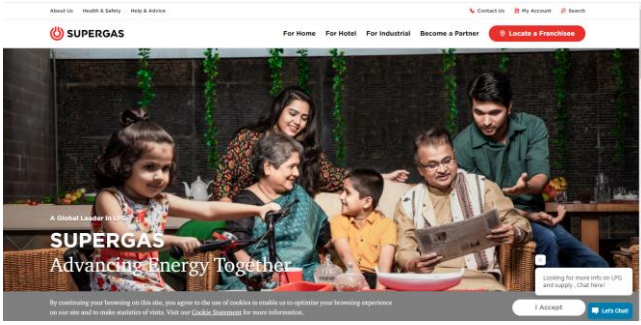
File No: EP/12.1/2016-17/12/TN/0152

MoEF&CC letter no. J-11011/270/2015-IA.II (I)dated 16/12/2016

Your letter no. Nil dated 5/12/2017

S. No	Conditions	Compliance Status
1.	Present status of the project has been mentioned.	Project completed.
2.	Details regarding construction of garland drain all around the project site, establishment of drainage system and guard pond has been submitted (Specific condition no. v).	Layout provided as Annexure-10
3.	Necessary approvals obtained from the Chief Controller of Explosives has not been submitted (Specific Condition no. vi).	PESO approvals under Gas Cylinder Rules and SMPV Rules obtained as Annexure-04
4.	Action plan for the Green belt development inter-alia including area to be covered and selection of species etc. shall be submitted to the Regional Office of the MoEF&CC (Specific condition no. xiii).	<ol style="list-style-type: none">1. 550 numbers of avenue trees including Gulmohar, peltophrum, pungai, silver hook Spathodeaa, thabubia, magilam planted and well maintaining.2. 50 Nos of Species including Guava and Pomegranate planted and well maintaining.3. Pictures of gardening attached as Annexure-Annexure - 14

5.	Recommendations stipulated in the Environment Management Plan (EMP) with respect to the construction phase and its compliance status shall be submitted to the Regional Office of the MoEF&CC (Specific condition no. xv).	Project completed; Plant is operational from January 2019. Annexure - 16
6.	Infrastructural facilities available at the labour camp have not been mentioned. (Specific condition no. xvii)	As project completed, hence labour camp removed.
7.	Copy of the Consent To Establish (CTE) obtained from the Tamil Nadu Pollution Control Board shall be submitted to the Regional Office of the MoEF&CC (General condition no. i).	Copy of Consent to Establish Provided & now we got Consent to Operate Annexure-01 .
8.	Selection criteria adopted for the Ambient Air Quality (AAQ) monitoring locations and frequency of AAQ monitoring has not been submitted (General condition no.iii).	AAQ monitoring locations are 3. Near Main Gate (up wind) 4. Near ETP (Downwind) Indoor Air Quality 2. At Admin Room Annual predominance of wind is from South West to North East. frequency is once in a six-month, report attached as Annexure-13
9.	Commitments made during the public Hearing and its compliance status has not been submitted (General condition no. viii).	Public Hearing is not Conducted, because company come under SIPCOT development area.
10.	Details of the Environment Management Cell (EMC) have not been mentioned (General condition no. xi)	EMC organogram & Detailed roles responsibilities to be given. Copy of the same attached as Annexure-11
11.	Fund earmarked towards the implementation of environmental protection measures has not been submitted (General condition no.xii).	Estimated cost is provided as Annexure-12

12.	Proof regarding sending of environmental clearance letter to the concerned Panchayat/Zila Parisad has not been submitted (General condition no. xiii).	Acknowledgement of EC letter submitted to Concern Panchayat attached as Annexure-06
13.	Company website link wherein uploaded environmental clearance letter and six monthly compliance report are available have not been mentioned (General condition no. xvii)	Company website link screen shot is attached. https://www.supergas.com/ 
14.	Date of financial closure and final approval of the project by the concerned authorities has not been informed to the Regional Office (General condition no. xvii)	Project completed and Attachments are attached in Annexure -16
15.	Insurance obtained under the provisions of the Public (Insurance) Liability Act, 1991 has not been submitted (para no.10).	Insurance obtained under the provisions of the Public (Insurance) Liability Act is attached as Annexure-5
16.	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail. (General condition-15 point)	Submitted for financial year 2019-20

5.0 ENVIRONMENT CLEARANCE SIX MONTHLY REPORT

It is mandatory to submit six-month compliance report to MoEF Regional Office by the proponent. For the purpose of obtaining six-month compliance certificate the environmental monitoring was carried out at site by M/s. Hubert Enviro Care Systems Pvt. Ltd.

5.1 Ambient air quality monitoring

During Plant operation phase particulate matter and gaseous emissions are likely to arise from the site movement of vehicles, operation of DG sets etc., the ambient air quality parameters such as suspended Particulate matter (PM10), Respirable Particulate matter (PM 2.5), Sulphur dioxide, Oxides of Nitrogen (NO_x), VOC, Hydrocarbons and Carbon monoxide were monitored at 2 location. The test report of ambient air quality is enclosed as **Annexure-13**

5.2 Ambient Noise level monitoring

During Plant Operation phase the ambient noise level likely to be generated due to machinery operations and movement of vehicles. Different location was selected for monitoring the noise level. The test report of ambient noise recorded is enclosed in **Annexure-13**

5.3 Soil quality monitoring

During Construction phase soil contamination may occur due to oil spills from machinery, during maintenance and operation of DG sets on site. 1 location was selected for monitoring the soil quality. The Soil samples were collected and analysed for nutrients and heavy metals. The test report of soil samples collected and analysed is enclosed as **Annexure-13**

6.0 CONCLUSION

1. The environmental monitoring was carried out at site during the period of July 2020 to December 2020.
2. All the conditions stipulated in Environmental Clearance are being complied.

Annexure-1

CTO

Category of the Industry :

RED

CONSENT ORDER NO. 1908220516513 DATED: 05/11/2019.

PROCEEDINGS NO.T2/TNPCB/F.0062GMP/RL/GMP/A/2019 DATED: 05/11/2019

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT –M/s. SHV ENERGY PRIVATE LIMITED , S.F.No. Plot no. A-11/2 Part A. SIPCOT Industrial Park in SF No. 32/2(pt.), THERVOYKANDIGAI village, Gummidipoondi Taluk and Tiruvallur District - Renewal of Consent for the operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued- Reg.

REF: 1. PROCEEDINGS NO.T2/TNPCB/F.0062GMP/RL/GMP/W/2019 DATED: 11/01/2019
2. Unit's application No. 20516513 dated: 30-01-2019
3. IR.No : F.0062GMP/RL/AEE/GMP/2019 dated 22/08/2019

RENEWAL OF CONSENT is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Director
M/s.SHV ENERGY PRIVATE LIMITED,
S.F.No. Plot no. A-11/2 Part A. SIPCOT Industrial Park in SF No. 32/2(pt.),
THERVOYKANDIGAI village,
Gummidipoondi Taluk,
Tiruvallur District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending March 31, 2024

S. SELVAN
For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

Digitally signed by S. SELVAN
DN: c=IN, o=Tamilnadu Pollution Control Board,
ou=Engineering Department,
postalCode=600032, st=Tamil Nadu,
2.5.4.2064642717161264811933484680279927c,
814662101e42a1e9f124b99530321, cn=S.
SELVAN
Date: 2019.11.05 13:41:35 +05'30'

Category of the Industry :

RED

CONSENT ORDER NO. 1908120516513 DATED: 05/11/2019.

PROCEEDINGS NO.T2/TNPCB/F.0062GMP/RL/GMP/W/2019 DATED: 05/11/2019

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT – M/s. SHV ENERGY PRIVATE LIMITED , S.F.No. Plot no. A-11/2 Part A. SIPCOT Industrial Park in SF No. 32/2(pt.), THERVOYKANDIGAI village, Gummidipoondi Taluk and Tiruvallur District - Renewal of Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.

REF: 1. PROCEEDINGS NO.T2/TNPCB/F.0062GMP/RL/GMP/W/2019 DATED: 11/01/2019
2. Unit's application No. 20516513 dated: 30-01-2019
3. IR.No : F.0062GMP/RL/AEE/GMP/2019 dated 22/08/2019

RENEWAL OF CONSENT is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Director
M/s.SHV ENERGY PRIVATE LIMITED,
S.F.No. Plot no. A-11/2 Part A. SIPCOT Industrial Park in SF No. 32/2(pt.),
THERVOYKANDIGAI Village ,
Gummidipoondi Taluk ,
Tiruvallur District .

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending March 31, 2024

S. SELVAN
For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

Digitally signed by S. SELVAN
DN: c=IN, ou=Tamilnadu Pollution Control
Board, ou=Engineering Department,
postalCode=600032, st=TN, serialNumber=23, 4.2.0-4e4271736129e6d1585346e682799
f27818506101e6dca4e9f3246893282c1,
cn=S. SELVAN
Date: 2019.11.05 13:44:30 +05'30'

Annexure- 2

FIRE LICENCE

Under Section 13 of the Tamil Nadu Fire Service Act No.40 – 1985 and with
Tamil Nadu Fire Service Rules 1990 – Appendix - 111

License No.4431/2020

Date : 07-08-2020

Licence is hereby granted under section 13 of the Tamil Nadu Fire Service act 1985 for for LPS BOTTLING IN CYLINDERS (Mention whichever is applicable) Within the Jurisdiction THERVOY KANDIGAI SIPCOT Municipality / Panchayat / P.Union Township at the Name of Company M/S. SHV ENERGY PVT LTD, PLOT NO.A-11/2, SIPCOT INDUSTRIAL PARK, GUMMIDIPOONDI TALUK, TIRUVALLUR DIST. Subject to the conditions noted thereon and such other conditions as may be Prescribed Inspected by SD THERVOYKANDIGAI SIPCOT on 23.07.2020

CONDITIONS

As per Tamil Nadu Fire Service Act 1985 Section 13 of Chapter II and appendix V of this Act

1. This Licence is Valid for ONE YEAR from the date of Issue.
2. Regular Licence has to be obtained from the competent authority
3. Fire & Life Safety Systems / Arrangements have to be provided in accordance with the requirements of NBC Part IV Fire & Life Safety 2016
4. The First Aid Fire Fighting equipments should be maintained at all floors in accordance with the IS 2190:2010 requirements.
5. If there is any deviation from the Govt. Rules and Act the Licence issue will be stand cancelled.
6. Staffs should be trained in preliminary fire fighting as per G.O.No.713, Home (Police-17) Dated.17-08-2005 with Fire and Rescue Services Department
7. Fire Drill should be conducted once in a six month with the local Fire & Rescue Service authorities and a permanent register should be maintained in part-II

(Office Seal with Date)



R. Anand
District Officer
Fire & Rescue Services,
Thiruvallur District,
Thiruvallur.

07/8 *07/8*

To.

M/S. SHV ENERGY PVT LTD,
PLOT NO.A-11/2,
SIPCOT INDUSTRIAL PARK,
GUMMIDIPOONDI TALUK,
TIRUVALLUR DIST.

Annexure- 3



17th September 2018

To,

The Director of Industrial Safety and Health
O/o the Director of Industrial Safety and Health
T.S.No 47/1, Sidco Industrial Estate,
(Near Metro Water Roundana),
Gundy, Chennai – 600 032.

Dear Sir,

Sub.: Submission of On-Site Emergency Plan with Risk Assessment Report and seeking approval for our proposed Factory – Reg.

With reference to the about subject, we are enclosing here with On-Site Emergency Plan with Quantitative Risk Assessment along with relevant annexures.

Request you to receive the same and issue the approvals as early as possible.

Yours Faithfully,

For SHV Energy Private Limited


Arvinder Singh Oberoi
Occupier & Vice President (Projects)



ଶ୍ରୀମତୀ ସର୍ବଜିତା ଉପାଧ୍ୟକ୍ଷା ଉପରେ
ଆମର ପ୍ରକାଶିତ ଅନୁମତିପତ୍ର ଏବଂ
ତାହାକୁ ସମ୍ପର୍କିତ ମହାଶୟର ସ୍ୱାସ୍ଥ୍ୟ
ସ୍ୱତନ୍ତ୍ର ଗୋପନୀୟତା

ତାରିଖ 24.9.18 ଦିନ


ଶ୍ରୀମତୀ ଉପାଧ୍ୟକ୍ଷା

Enclosed:

- 1. On-Site Emergency Plan & Risk Assessment Report - 3 copies



Annexure 4
PESO Forms

Page 1 of 1



भारत सरकार / Government of India
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन /Petroleum & Explosives Safety Organisation (PESO)
A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन, 26 हद्दोस रोड, नुंगम्बक्कम
चेन्नई - 600006
A & D - Wing, Block 1-8, IInd Floor, Shastri Bhavan, 26 Haddous Road, Nungambakkam, Chennai - 600006

ईमेल /E-mail : jtccechennai@explosives.gov.in

दूरभाष /Phone/Fax No : 044 - 28287118,28284848

दि/Dated : 26/07/2018

सं/No : G/HO/TN/05/416 & G/HO/TN/06/392(G41680)

सेवा में /To,

M/s. M/s. SHV Energy Private Limited,
Super Gas House, SDE Serene Chambers,,,
8-2-334 Road No. 7, Banjara Hills
HYDERABAD,
HYDERABAD,
Taluka: HYDERABAD,
District: HYDERABAD
State: Telangana
Pin : 500034

विषय/Sub : Plot No, A 11/2-PART-A, Thervo Kandigal , taluk Gummidipoondi, Thervo Kandigal , THIRUVALLUR, Taluka: THIRUVALLUR, District: THIRUVALLUR, State: Tamil Nadu, Pin : 999999 - में सिलिण्डरों में LPG गैस का भरण-एवं अग्ररण गोडाउन- गैस सिलिण्डर, सं नियम, 2016 के अंतर्गत फॉर्म ए एवं 'एफ' में जारी अनुज्ञप्ति सं. G/HO/TN/05/416 & G/HO/TN/06/392(G41680) अनुज्ञप्ति निरीक्षण एवं पुष्कन के बारे में Filling of LPG and Storage of LPG in cylinders at Plot No, A 11/2-PART-A, Thervo Kandigal , taluk Gummidipoondi, Thervo Kandigal , THIRUVALLUR, Taluka: THIRUVALLUR, District: THIRUVALLUR, State: Tamil Nadu, Pin : 999999 - cover under Licence G/HO/TN/05/416 & G/HO/TN/06/392(G41680) granted in Form E & F of Gas Cylinders Rules, 2016- Inspection & Endorsement of licence regarding.

महोदय/Sir
(s),

कृपया मु.वि.नि. के दि.11/07/2018 के जापन सं G/HO/TN/05/416 & G/HO/TN/06/392(G41680) का संदर्भ और अधोहस्ताक्षकर्ता/ कार्यालय के अधिकारी द्वारा उपरोक्त परिसरों के किए गए निरीक्षण का संदर्भ ग्रहण करें/ Please refer to the The Chief Controller of Explosives, Nagpur Memo No : G/HO/TN/05/416 & G/HO/TN/06/392 (G41680) dated 11/07/2018 and inspection of the above premises by the undersigned /an officer of this office on 22/07/2018.

The subject licence is returned herewith duly endorsed. The receipt of the licence may please be acknowledged.

कृपया नोट करें कि गैस सिलेण्डर नियम, 2016 के नियम 55(5) के अनुसार, अनुज्ञप्ति के पुनः नवीकरण हेतु आवेदन The Chief Controller of Explosives, Nagpur इस कार्यालय को इस अनुज्ञप्ति की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर 2027 को या इससे पूर्व) जमा कर दें। दिनांक 30 सितम्बर 2027 के पश्चात परंतु दिनांक 30 सितम्बर 2028 से पूर्व प्राप्त नवीनीकरण आवेदन, गैस सिलेण्डर नियम, 2016 के नियम 55(7) के अनुसार विलंब शुल्क के साथ ही विचाराधीन होगा। दिनांक 30 सितम्बर 2028 तक कोई नवीनीकरण आवेदन प्राप्त नहीं होने की स्थिति में यह अनुज्ञप्ति स्वतः निरस्त हो जाएगी। /Please note that your application for further renewal should reach the The Chief Controller of Explosives, Nagpur on or before 30th Septemebr, 2027 along with all the documents as required under Rule 55(5) of Gas Cylinders Rules, 2016. Application for renewal of licence received after 30th September, 2027 but not later than 30th September, 2028 be considered only with penalty fee vide rule 55(7) (a)(b) of said Rules. The licence will automatically expire if no application is received upto 30th September, 2028 .

भवदीय/Yours faithfully,

(सी.जी.कलम्बे)

(C.G.Kalambhe)

उप मुख्य विस्फोटक नियंत्रक
Dy. Chief Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
चेन्नई/Chennai

For Jt. Chief Controller of Explosives
Chennai
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
चेन्नई

[अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण 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>)



(See Rules 50, 51 and 54)

Licence to fill compressed gas in cylinders

Endorsed after inspection

Jt. CCE., Chennai. 27/2/18

Licence No. : G/HO/TN/05/416(G41680)

Fee Rs.5000/- per year

Licence is hereby granted to M/s. M/s. SHV Energy Private Limited, Super Gas House, SDE Serene Chambers,, 8-2-334 Road No. 7, Banjara Hills, Village/Town: HYDERABAD, City: HYDERABAD, Taluka: HYDERABAD, District: HYDERABAD, State: Telangana, Pin: 500034 valid only for the filling of cylinders with compressed gas in the licensed premises described below and shown in the plan No. G/HO/TN/05/416(G41680) dated 10/07/2018 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the rules made thereunder and to the further conditions of this licence.

The Licence shall remain in force till the 30th September 2027.

July 10, 2018

For Chief Controller of Explosives
Nagpur

DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No G/HO/TN/05/416 dated July 10, 2018 are situated at Thervo Kandigai and consists of LPG - 10 Nos.(1 x 10) filling points with connected other facilities for filling of the gas(es) in cylinders as described here under:

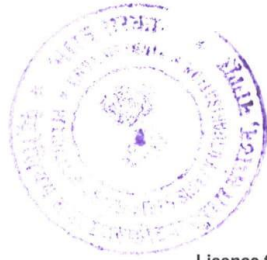
Type of Gas		
a) Toxic		--NIL--
b) Non-Toxic and Non Flammable		--NIL--
c) Non-Toxic and Flammable		--NIL--
d) Dissolved Acetylene Gas		--NIL--
e) Non-Toxic & Flammable liquefiable gas other than LPG		--NIL--
f) Liquefied Petroleum Gas	LPG	

and is situated at PlotNo :A 11/2-PART-A Name of Street :Thervo Kandigai taluk Gummidipoondi Village/Town :Thervo Kandigai Police Station : Thervo Kandigai District : THIRUVALLUR, State: Tamil Nadu.

SPACE FOR ENDORSEMENT OF RENEWALS

	Date of Renewal	Date of Expiry	Signature and stamp of the licensing authority
This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act, 1884, or Gas Cylinders Rules, 2016, framed thereunder or of the conditions of the licence			

This licence is liable to be cancelled if the licenced premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.



FORM F

(See Rules 50, 51 and 54)

Licence to store compressed gas in cylinders

Endorsed after inspection

Jt. CCE., Chennai

Licence No. : G/HO/TN/06/392(G41680)

Fee Rs. 10000/- per year

Licence is hereby granted to M/s. M/s. SHV Energy Private Limited, Super Gas House, SDE Serene Chambers,, 8-2-334 Road No. 7, Banjara Hills, Village/Town: HYDERABAD, City: HYDERABAD, Taluka: HYDERABAD, District: HYDERABAD, State: Telangana, Pin: 500034 valid only for the possession of cylinders filled with compressed gas in the licensed premises described below and shown in the plan No G/HO/TN/06/392(G41680) dated 10/07/2018 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence.

The Licence shall remain in force till the 30th September 2027.

July 10, 2018

For Chief Controller of Explosives
Nagpur

DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. G/HO/TN/06/392 dated July 10, 2018 are situated at Thervo Kandigai and consists of a storage shed for possession of the gas contained in cylinders as described here under:

	Type of Gas	Quantity
a)	Toxic	--NIL--
b)	Non-Toxic and Non Flammable	--NIL--
c)	Non-Toxic and Flammable	--NIL--
d)	Dissolved Acetylene Gas	--NIL--
e)	Non-Toxic & Flammable liquefiable gas other than LPG	--NIL--
f)	Liquefied Petroleum Gas	LPG - 20000 Kgs.

and is situated at PlotNo : A 11/2-PART-A Village/Town :Thervo Kandigai Police Station : Thervo Kandigai District : THIRUVALLUR, State: Tamil Nadu.

SPACE FOR ENDORSEMENT OF RENEWALS

	Date of Renewal	Date of Expiry	Signature and stamp of the licensing authority
This licence shall be renewable without any concession in fee for ten years in the absence of contravention of the provision of the Explosives Act, 1884 or Gas Cylinders Rules, 2016, framed thereunder or of the conditions of the licence			

This licence is liable to be cancelled if the licenced premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.



भारत सरकार/Government of India
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो) /Petroleum & Explosives Safety Organisation (PESO)
A और D - विंग, ब्लॉक 1-8, दूसरा तल, शास्त्री भवन, 26 हड्डोउस रोड, नुंगम्बक्कम
चेन्नै- 600006
A & D - Wing, Block 1-8, IInd Floor, Shastrri Bhavan, 26 Haddous Road, Nungambakkam,
Chennai - 600006

ईमेल/E-mail : jtccechennai@explosives.gov.in

फोन / फ़ैक्स नंबर:/Phone/Fax No : 044 -
28287118,28284848

दिनांक/Dated : 26/07/2018

संख्या/No : S/HO/TN/03/1235(S68113)

To,

M/s. M/s. SHV Energy Pvt. Ltd.,
Super Gas House SDE Serene Chambers,
8-2-334, Road No. 7, Banjara Hills,
Hyderabad,
District: HYDERABAD,
State: Telangana
PIN: 500034

विषय/Sub : Plot No, A-11/2 Part A, SIPCOT Industrial Park,, Therovoykandigai Gummidipoondi Taluk, THERVYOY, District: THIRUVALLUR, State: Tamil Nadu, PIN: 501202 स्थित LPG, गैस के संपीडित पात्र / पात्रों में भंडारण के लिए स्थिर एवं गतिशील दाब पात्र (अज्वलित) नियम, 2016 के अधीन स्वीकृत अनुज्ञप्ति संख्या S/HO/TN/03/1235 अनुज्ञप्ति निरीक्षण एवं पृष्ठांकन के बारे में/Storage of LPG gas in pressure vessels at Plot No, A-11/2 Part A, SIPCOT Industrial Park,, Therovoykandigai Gummidipoondi Taluk, THERVYOY, District: THIRUVALLUR, State: Tamil Nadu, PIN: 501202 - Licence No : S/HO/TN/03/1235 grant in form LS-1A of SMPV(U) Rules, 2016-Endorsement of Licence Regarding

महोदय/Sir
(s),

कृपया Chief Controller of Explosives Nagpur's के ज्ञापन सं S/HO/TN/03/1235 (S68113) दिनांक 10/07/2018 का संदर्भ और अधोहस्ताक्षरकर्ता/ कार्यालय के अधिकारी द्वारा उपरोक्त परिसरों के किए गए निरीक्षण दिनांक 22/07/2018 का संदर्भ ग्रहण करें/ Please refer to the Chief Controller of Explosives Nagpur's Memo No. S/HO/TN/03/1235 (S68113) Dated 10/07/2018 and inspection of the above premises by an officer of this Department on 22/07/2018 .

इस विषय लाइसेंस के साथ इसे पृष्ठांकन किया जाता है। लाइसेंस की प्राप्ति कृपया स्वीकार कर लें।/The subject licence is forwarded herewith duly endorsed. The receipt of the licence may please be acknowledged.

देर शुल्क से बचने के लिए एसएमपीवी (यू) नियम, 2016 के नियम 55 के अंतर्गत अनुज्ञप्ति के पुनः नवीकरण हेतु आवेदन '+@CircleDetails+' इस कार्यालय को इस अनुज्ञप्ति की वैधता समाप्त होने के पूर्व (दिनांक 30 सितम्बर '+@LicenceValidityYear+' को या इससे पूर्व) जमा कर दें // Please note that your application for further renewal shall reach this office on or before 30th September, 2022 along with all the documents required under Rule 55 of the SMPV(U) Rules, 2016 to avoid late fee.

भवदीय/Yours faithfully,

(सी.जी.कलम्बे)

(C.G.Kalambhe)

उप मुख्य विस्फोटक नियंत्रक
Dy. Chief Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
चेन्नै/Chennai

(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)



FORM LS-1A
(See Rules 50, 51, 54 and 55)

Endorsed after inspection

[Signature]
Jt. CCE., Chennai
27/7/18

Licence to Store Compressed gas in pressure vessel or vessels

Licence No. : S/HO/TN/03/1235(S68113)

Fee Rs. 50000/- per year

Licence is hereby granted to M/s. SHV Energy Pvt. Ltd., Super Gas House SDE Serene Chambers, 8-2-334, Road No. 7, Banjara Hills ,Hyderabad, District: HYDERABAD , State: Telangana PIN: 500034 valid only for the storage of compressed gas in 3 Number(s) of pressure vessels as indicated below in the licensed premises described below and shown in the plan No.S/HO/TN/03/1235(S68113) dated 10/07/2018 subject to the provisions of the Indian Explosives Act, 1884 (4 of 1884) and the rules made thereunder and to the further conditions of this licence.

The Licence shall remain in force till the 30th September 2022.

Vessel No.	Name of Gas	State of Gas	Water Capacity in cubic meter	Max. working Pre. (kg/cm ²)	Quantity Granted in kgs(Liquified gas)
105202	LPG	Liquified	280.00	14.5	131670
105201	LPG	Liquified	280.00	14.5	131670
K201719	LPG	Liquified	137.00	14.5	64424
Total Water capacity			697.00		

July 10, 2018

[Signature]
For Chief Controller of Explosives
HQ, Nagpur

DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. S/HO/TN/03/1235 dated 10/07/2018 are situated at THERVYOYThervoykandigai Gummidipoondi Taluk and consists of 3 Number(s) vessel(s) for storage of :

- a) Flammable/Corrosive/Toxic Gases :LPG
- b) Non-Toxic Gases :

and is situated at PlotNo : A-11/2 Part A Village/Town :THERVYOYThervoykandigai Gummidipoondi Taluk Police Station : GUMMIDIPOONDI District : THIRUVALLUR, State: Tamil Nadu , Pin : 50

SPACE FOR ENDORSEMENT OF RENEWALS

	Date of Renewal	Date of Expiry	Signature and stamp of the licensing authority
This licence shall be renewable without any concession in fee for three years in the absence of contravention of the provision of the Indian Explosives Act, 1884, or the Static and Mobile Pressure Vessles (Unfired) Rules, 2016, framed thereunder or of the conditions of the licence.			

This licence is liable to be cancelled if the licenced premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.

Annexure 5
Public Liability Insurance

This Document is Digitally Signed

Signer: ATUL BANOTH
Date: Fri, Oct 23, 2020 11:17:57 IST
Location: NOIDA
Reason: Signing Policy for OICL

LIABILITY INSURANCE (UNDER PUBLIC LIABILITY INSURANCE ACT, 1991) POLICY SCHEDULE

Policy No. : 43130048/2021/1506 **Prev. Policy No.** : 43130048/2020/766
Cover Note No. : **Cover Note Date** :
Insured's Code : 25587315 **Issue Office code** : 431300
Insured's Name : M/S. SHV ENERGY PRIVATE LIMITED (GSTIN: 36AACC8876D1Z3) **Issue Office Name** : DO III HYDERABAD (GSTIN: 36AACT0627R3ZY)
Address : SUPER GAS HOUSE, 4TH FLOOR, SDE SERENE CHAMBERS 8-2-334, ROAD NO.7, BANJARA HILLS, HYDERABAD-500 034 GST No.36AACC8876D1Z3 HYDERABAD 500001 **Address** : FLAT NO: 302, 3RD FLOOR, AL-KARIM TRADE CENTRE, OPP. RANIGUNJ BUS DEPOT, SECUNDERABAD TELANGANA 500003
Tel./Fax/Email : / / / NA **Tel./Fax/Email** : 9985748232 / 040 27544793 / 431300@orientalinsurance.co.in, vlakshmi.podapati@orientalinsurance.co.in

Agent/Broker Details

Dev.Off.Code : NE0000000195 G.SRINIVAS
Agent/Broker : BAD000050264 SURENDER BANOTH
Address : 7-1-632/52/A, BAPU NAGAR, S.R.NAGAR, RANGAREDDY, S.R.NAGAR, RANGAREDDY, HYDERABAD, HYDERABAD, ANDHRA PRADESH, 500038
Tel/Fax/Email : 9700109966/surenderbanoth1981@gmail.com

Period of Insurance : FROM 00:00 ON 26/10/2020 TO MIDNIGHT OF 25/10/2021
Collection No. & Dt. : DC_I_IND 5151002839 - 23/10/2020 **GST INVOICE NO** :3619191990 **UIN** :0
Gross Premium : 36,594 **GST** : 6588 **Stamp Duty** : .5 **Total** : 79,774
Co-insurance Details : NIL

Nature of Business : MANUFACTURING

Category of Industry : **Policy Purchaser Category** :

Indemnity Limit : Ra. 5,00,00,000.00 Any One Accident
Ra. 15,00,00,000.00 Aggregate during the Policy Period (Not exceeding three times of any one accident of Indemnity Limit.)

Retroactive Date : 26/10/2020

Contribution to the Environmental Relief Fund : 36,594.00 (included in the Total Premium)

TERRITORY/JURISDICTION : INDIA / INDIA

The insurance under this policy is subject to terms and conditions given in the policy attached here to.
Specific Conditions if any : Manufacturing/Bottling, Storage and Distribution of Propane/Butane/LPG in Bulk

Place : SECUNDERABAD
Date : 23/10/2020



For and on behalf of
The Oriental Insurance Company Limited

This is an electronically generated document (Policy Schedule). The Policy document duly stamped will be sent by post.

In case of any query regarding the Policy please call Toll Free No. 1800 11 8485 and 011 33208485.

Authorized Signatory

CIN: U69010DL1947GOI007158 All the Amounts mentioned in this policy are in Indian Rupees
IRDA Regn. No. 556 - Now you can buy and renew selected policies online at www.orientalinsurance.org.in

Page 1 of 2

This document is Legally signed

Signed: ATUL KASHYAP
Date: Fri, Oct 23, 2020 11:17 IST
Location: Noida
Reason: Signing Policy for OICL



Attached to and forming part of policy number 43130046/2021/1506

Tankers and Retail-Both Domestic Purpose and Industrial in Cylinders & Bulk Tankers and LPG in storage tanks at Auto gas Stations, LPG in Cylinders with Franchisees, dealers and end customer.
DEDUCTIBLE: 1% OF AOA LIMIT. Policy covers:Manufacturing/Bottling, Storage and Distribution of Propane/Butane/LPG in Bulk Tankers and Retail for Both Domestic Purpose and Industrial in Cylinders & Bulk Tankers, LPG in storage tanks at: Auto gas Stations, LPG Bottling Plants, LPG Storage Terminals and Jetty Operations & Surrounding area, LPG in Cylinders at: LPG Bottling Plants, at LPG Godowns/Depot, with Franchisees, dealers and end customer.
LOCATIONS AND ADDRESSES COVERED: LPG BOTTLING PLANTS, LPG STORAGE TERMINALS AND JETTY OPERATIONS & SURROUNDING AREA, LPG CYLINDERS AT GODOWNS/DEPOTS, WITH FRANCHISEES, DEALERS AND END CUSTOMERS LOCATED ALL OVER INDIA.
AOA:AOY 1:3 (Rs.5 crores : Rs.15 crores), TURNOVER: Rs.1700 crores
ACTUAL RETRO DATE IS 28-10-2018

Excess : NIL

Financier Names are as per the list attached: Not applicable

Warranted that in case of dishonour of premium cheque(s) the Company shall not be liable under the policy and the policy shall be void abinitio (from inception).

In witness whereof the undersigned being authorized by and on behalf of the Company has/have herein to set his/their hands at DO III HYDERABAD (GSTIN: 36AAACT0627R3Z7) on 23RD DAY OF OCTOBER 2020

Entered By : T.BALAGOPAL
Examined By : KASHOK CHANDRA

For and on behalf of
The Oriental Insurance Company Limited

Policy Printed By : 420063

IP :

Policy Printed On : 23-OCT-20 16:39:28

MAC :

Authorized Signatory

Place : SECUNDERABAD

Date : 23/10/2020



For and on behalf of
The Oriental Insurance Company Limited

This is an electronically generated document (Policy Schedule).The Policy document duly stamped will be sent by post.

In case of any query regarding the Policy please call Toll Free No. 1800 11 8485 and 011 33208485.

Authorized Signatory

CIN: U66010DL1947GCI0007158 All the Amounts mentioned in this policy are in Indian Rupees Page 2 of 2
IRDA Regn. No. 556 - Now you can buy and renew selected policies online at www.orientalinsurance.org.in

Annexure - 7

CSR Activity



Annexure 8

Mock Drill

On 10th March 2020, The Fire & Rescue Department from Thervoy Kandigai SIPCOT, Conducted the Joint Mock Drill with LPG Bottling Plant of SHV Energy Private Limited. The Drill was supervised under the guidance of Mr.Sendhil Kumaran, Thervoy Kandigai SIPCOT Station Fire Officer.



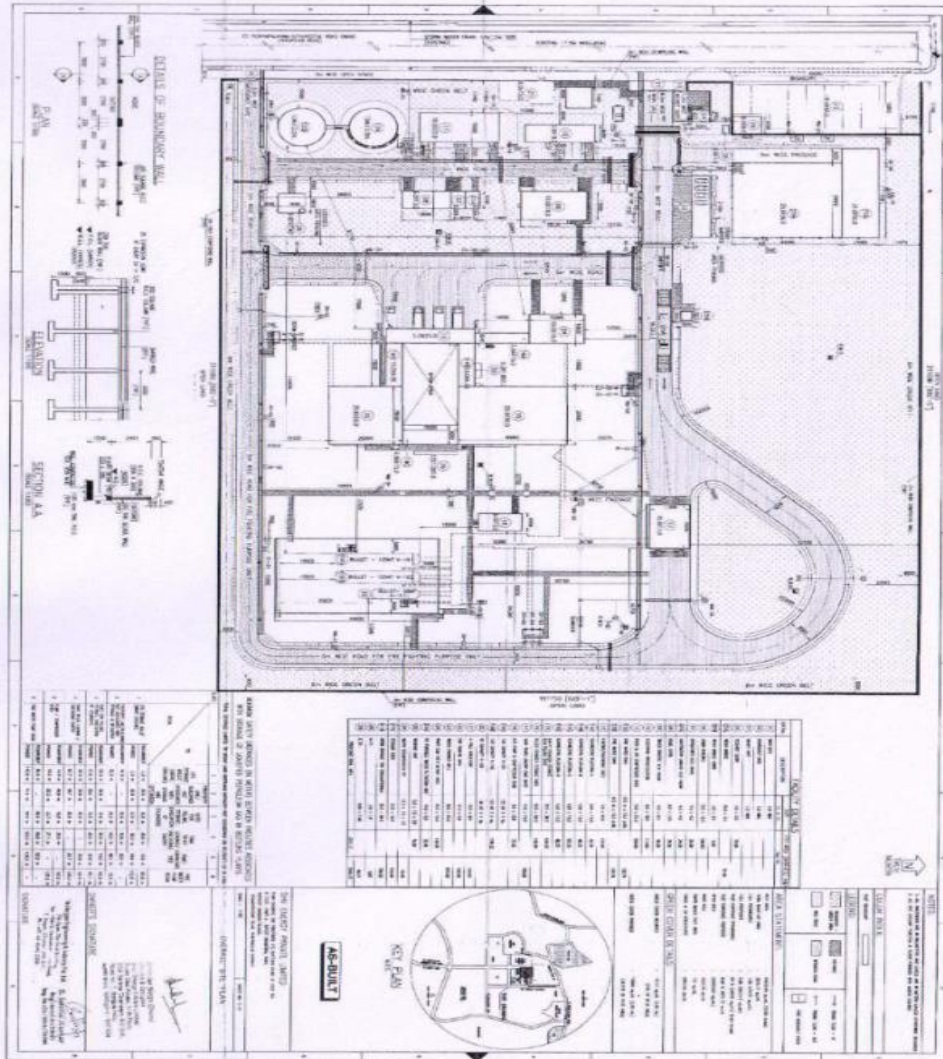
The Training was conducted for understanding about firefighting and importance of Mock Drills. It was conducted in simple easily understandable manner for all operators and contract workers.

Annexure - 9

First Aid



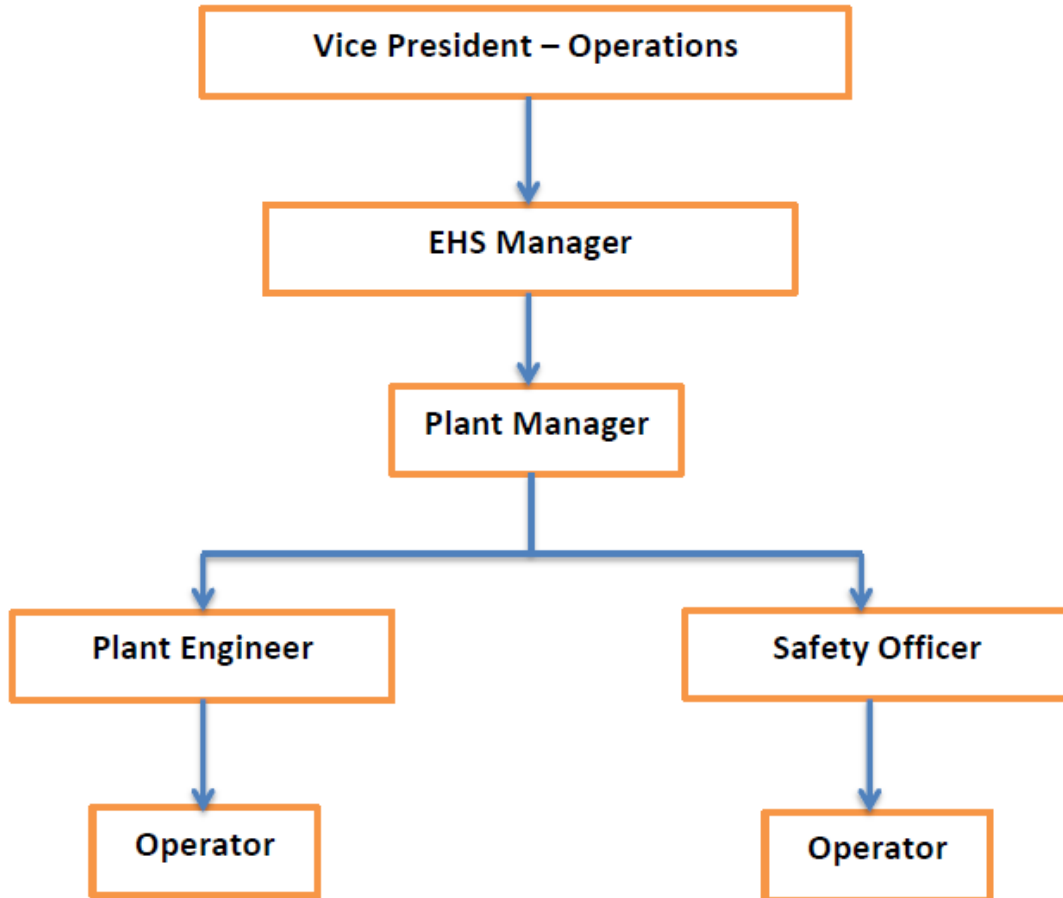
Annexure 10 Site Layout



Annexure - 11

Environmental Management Cell

The following persons are appointed as members of EM CELL for “SHV Energy Private Limited” LPG Bottling Plant of capacity 21,000 MTPA Project at SIPCOT Industrial Park, Village Thervoy Kandigai, Tehsil Gummidipoondi, District Thiruvallur, Tamil Nadu.



Annexure 12
Estimated Cost

S.No.	Content / Capacity	Capacity	Cost In Lacs	Operation / Maintenance Cost Lacs/ annum	Remarks
1	ETP	2 KLD	13	2	
2	STP	1 KLD	4	1.2	
3	Green Belt	7804.27 Sq.m	3	Planted 600 Trees across the plant.	Watered regularly by a worker
4	Pipeline	As per P.O.	1.2		HECS

Annexure – 13

Environmental Monitoring Report

Hubert Enviro Care Systems (P) Ltd.
 # 18, 92nd Street, Ashok Nagar,
 Chennai - 600 083.
 Ph: 42985555 Fax : 42985500
 E-mail : labsales@hecs.in

Laboratory Services Division
 (Chemical & Biological Testing)
 Recognized by MoEF, BIS
 FSSAI Notified Laboratory
 ISO 9001, 14001 & OHSAS 18001 Certified.

TEST REPORT

Page : 1 of 1

Name of the Client : M/S. SHV Energy Private Limited, Report No. : HECSL/AA/7/160920
 Address of the Client : Plot No-A-11/2, Part-A, Sipcot Industrial Park, Thervoy Kandigai, Gannadipoondi Taluk, Thiruvallur-601 202 Report Date : 21/09/2020
 Sample Description : Ambient Air Quality
 Sampling Location : Near Main Gate
 Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
 Sampling/received Date : 16/09/2020 -16/09/2020 Completed On : 21/09/2020
 Analysis Commenced On : 16/09/2020

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009	
					24 hours	Annual
1	Sulphur Dioxide	µg/m ³	12.10	CPCB guide lines Volume 1:2012	80 (24 hours)	50 (Annual)
2	Nitrogen Dioxide	µg/m ³	23.40	IS: 5182 (P-6):2006	80 (24 hours)	40 (Annual)
3	Particulate Matter Size Less than 10 µm	µg/m ³	55.08	IS: 5182 (P-23):2006	100 (24 hours)	60 (Annual)
4	Particulate Matter Size Less than 2.5 µm	µg/m ³	24.31	HECS/AIR/SOP/003 : 2017	60 (24 hours)	40 (Annual)
5	Carbon Monoxide	mg/m ³	BLQ(LOQ 0.05)	IS: 5182 (P-10) 1999	4 (1 hours)	2 (8 hours)
6	Lead	µg/m ³	BLQ(LOQ 0.05)	IS: 5182 (P-22): 2004	1 (24 hours)	0.5 (Annual)
7	Ozone	µg/m ³	11.83	HECS/AIR/AMBIENT/SOP/007 :2013	100 (1 hours)	100 (8 hours)
8	Arsenic	µg/m ³	6.84	HECS/AIR/AMBIENT/SOP/006 :2013	400 (24 hours)	100 (Annual)
9	Benzene	µg/m ³	BLQ(LOQ 1)	IS: 5182 (P-11):2006	5 (Annual)	5 (Annual)
10	Benz(a)pyrene	ng/m ³	BLQ(LOQ 1)	IS: 5182 (P-12): 2004	1 (Annual)	1 (Annual)
11	Arsenic	ng/m ³	BLQ(LOQ 2)	HECS/AIR/AMBIENT/009:2013	6 (Annual)	6 (Annual)
12	Nickel	ng/m ³	BLQ(LOQ 10)	HECS/AIR/AMBIENT/009:2013	20 (Annual)	20 (Annual)

Notes: BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.
 Remarks: The Tested Parameters as above were within the limits of NAAQ Standard 2009.
End of Report



Authorized Signatory
Dr. P. ELAIYARAJU
 Assistant Manager

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HECS/Q/PMT/50

Hubert Enviro Care Systems (P) Ltd.

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Laboratory Services Division

(Chemical & Biological Testing)
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TEST REPORT

Page : 1 of 1

Name of the Client : M/S. SHV Energy Private Limited.,
Address of the Client : Plot No-A-11/2, Part-A, Sipcot Industrial Park,
Theruvoy Kandigai, Gummidipoondi Taluk,
Thiruvallur-601 202
Sample Description : Ambient Air Quality
Sampling Location : Near ETP Plant
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 16/09/2020 -16/09/2020
Analysis Commenced On : 16/09/2020

Report No. : HECSL/AA/8/160920
Report Date : 21/09/2020

Completed On : 21/09/2020

S.No.	Parameters	Units	Results Obtained	Test Method	NAAQ Standards : 2009
1	Sulphur Dioxide	µg/m ³	12.47	CPCB guide lines Volume I:2012	80 (24 hours) 50 (Annual)
2	Nitrogen Dioxide	µg/m ³	21.39	IS : 5182 (P-5) 2006	80 (24 hours) 40 (Annual)
3	Particulate Matter Size Less than 10 µm	µg/m ³	52.71	IS : 5182 (P-23) 2006	100 (24 hours) 60 (Annual)
4	Particulate Matter Size Less than 2.5 µm	µg/m ³	21.54	HECS/AIR/AMBIENT/509/07 : 2013	60 (24 hours) 40 (Annual)
5	Carbon Monoxide	mg/m ³	BLQ(LOQ 0.05)	IS : 5182 (P-10) 1999	4 (1 hour) 2 (8 hours)
6	Lead	µg/m ³	BLQ(LOQ 0.05)	IS : 5182 (P-23) 2006	1 (24 hours) 0.5 (Annual)
7	Ozone	µg/m ³	10.85	HECS/AIR/AMBIENT/509/07 : 2013	180 (1 hour) 100 (8 hours)
8	Azoxides	µg/m ³	7.33	HECS/AIR/AMBIENT/509/06 : 2013	400 (24 hours) 100 (Annual)
9	Benzene	µg/m ³	BLQ(LOQ 1)	IS : 5182 (P-11) 2006	5 (Annual) 5 (Annual)
10	Benz(a)pyrene	ng/m ³	BLQ(LOQ 1)	IS : 5182 (P-12) 2004	1 (Annual) 1 (Annual)
11	Arsenic	ng/m ³	BLQ(LOQ 2)	HECS/AIR/AMBIENT/009-2013	5 (Annual) 5 (Annual)
12	Nickel	ng/m ³	BLQ(LOQ 18)	HECS/AIR/AMBIENT/009-2013	20 (Annual) 20 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

Remarks:-The Tested Parameters as above were within the limits of NAAQ Standard 2009.

End of Report



Authorized Signatory
Dr. P. ELAIYARAJU
Assistant Manager

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TEST REPORT

Page: 1 of 1

Name of the Client : M/S. SHV Energy Private Limited.,
Address of the Client : Plot No-A-11/2, Part-A, Sipcot Industrial Park,
Thervey Kundigal, Gummidipoondi Taluk,
Thiravallur-601 202
Sample Description : Indoor Air Quality
Sample Mark : Administration Office Room
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 16/09/2020 -16/09/2020
Analysis Commenced On : 16/09/2020
Report No. : HECSL/WB/13/160920
Report Date : 21/09/2020
Completed On : 21/09/2020

S.No.	Parameters	Units	Results	Test Method	OSHA Standards
1	Respirable Suspended Particulate Matter (RSPM)	mg/m ³	0.056	NIOSH 4600-1984	5
2	Particulate matter less than 2.5 µm	mg/m ³	0.022	HECS/Air/Ambient/SOP011	-
3	Particulate matter less than 10 µm	mg/m ³	0.051	HECS/Air/Ambient/SOP011	-
4	Nitrogen Dioxide (NO ₂)	ppm	0.025	IS:182 (P-4) 2006	5
5	Carbon monoxide (CO)	ppm	BLQ(LOQ 0.1)	NIOSH 4604-1996	50
6	Carbon dioxide (CO ₂)	ppm	623.0	HECS/AIR/AMBIENT/SOP020/2013	5000
7	Oxygen (O ₂)	%	20.9	HECS/AIR/AMBIENT/SOP021/2013	19.5-23.5
8	Temperature	°C	74.3	HECS/SOP43	68°F - 78°F
9	Relative Humidity	%	56.0	HECS/AIR/AMBIENT/SOP023/2013	30-60
10	Air Movement	m/min	8.1	HECS/SOP43	30
11	Total Bacterial Count	cfu/m ³	38	APHA 5TH Edition Chapter 3	-
12	Yeasts	cfu/m ³	<1	APHA 5TH Edition Chapter 3 APHA 5TH Edition	-
13	Moulds	cfu/m ³	06	APHA 5TH Edition Chapter 3	-
14	Legionella	cfu/m ³	<1	APHA 5TH Edition Chapter 3	-
15	Streptococci	cfu/m ³	<1	APHA 5TH Edition Chapter 3	-
16	Staphylococci	cfu/m ³	<1	APHA 5TH Edition Chapter 3	-

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, % - Percentage, ppm- Parts Per Million, mg/m³-Milligram per cubic meter.

Remarks:-The Tested Parameters as above were within the limits of OSHA Standard

End of Report



Authorized Signatory
Dr. P. ELAIYARAJU
Assistant Manager

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TEST REPORT

Page: 1 of 3

Name of the Client : M/S. SHV Energy Private Limited,
Address of the Client : Plot No-A-11/2, Part-A, Sipcot Industrial Park,
Thervay Kandigai, Gummidipoondi Taluk,
Thiruvallur-601 202
Sample Description : Indoor Air Quality
Sample Mark : Administration Office Room
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 16/09/2020 - 16/09/2020
Analysis Commenced On : 16/09/2020

Report No. : HECSL/WE/14/160920
Report Date : 21/09/2020

Completed On : 21/09/2020

S.No.	Parameters	Units	Results	Test Method	OSHA Standards
1	1,1,1,2-Tetrachloroethane	ppm	0.075	HECS/INS/SOP/073	-
2	1,1,1-Trichloroethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	350
3	1,1,2,2-Tetrachloroethane	ppm	0.16	HECS/INS/SOP/073	1
4	1,1,2-Trichloroethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	10
5	1,1-Dichloro-1-propene	ppm	0.127	HECS/INS/SOP/073	75
6	1,1-Dichloroethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	100
7	1,1-Dichloroethylen	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
8	1,2-Dichloroethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	1
9	1,2,3-Trichlorobenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
10	1,2,3-Trichloropropane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
11	1,2,4-Trichlorobenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
12	1,2,4-Trimethylbenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
13	1,2-Dibromo-3 chloropropane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	0.001
14	1,2-Dibromoethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	0.13
15	1,2-Dichlorobenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
16	1,2-Dichloropropane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	75
17	1,3,5-Trimethylbenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
18	1,3-Dichlorobenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
19	1,3-Dichloropropane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
20	1,4-Dichlorobenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
21	2,2-Dichloropropane	ppm	0.114	HECS/INS/SOP/073	-
22	2-Chloroethanol	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
23	4-Chlorotoluene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
24	Benzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	1



Authorized Signatory
Dr. P. ELAIYARAJU
Assistant Manager

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TEST REPORT

Page : 2 of 3

Name of the Client : M/S. SHV Energy Private Limited, Report No : HECSL/AE/014/160920
Address of the Client : Plot No-A-11/2, Part-A, Sipeco Industrial Park, Thiruvoy Kandigai, Gummidipoondi Taluk, Thiruvallur-601 202 Report Date : 21/09/2020
Sample Description : Indoor Air Quality
Sample Mark : Administration Office Room
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 16/09/2020 - 16/09/2020
Analysis Commenced On : 16/09/2020 Completed On : 21/09/2020

S.No.	Parameters	Units	Results	Test Method	OSHA Standards
25	Bromobenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
26	Bromochloromethane	ppm	0.258	HECS/INS/SOP/073	-
27	Bromodichloromethane	ppm	1.30	HECS/INS/SOP/073	-
28	Bromoform	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	0.5
29	Carbon tetrachloride	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	2
30	Chlorobenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	10
31	Chloroform	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	2
32	Cis-1,2-Dichloroethene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
33	Cis-1,3-Dichloropropene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
34	Dibromochloromethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
35	Dibromomethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
36	Dichloromethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	25
37	Ethylbenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	5
38	Hexachloro-1,3-butadiene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
39	Isopropylbenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
40	m-Xylene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	100
41	Naphthalene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	0.1
42	n-Butylbenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
43	o-Xylene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	100
44	p-Isopropyltoluene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
45	Propylbenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
46	p-Xylene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	100
47	Sec-Butylbenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
48	Styrene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	30



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Dr. P. ELAIYARAJU
Assistant Manager

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TEST REPORT

Page : 3 of 3

Name of the Client : M/S. SHV Energy Private Limited,
Address of the Client : Plot No-A-11/3, Part-A, Sipeat Industrial Park,
Theruvu Kandi, Gammidipoondi Taluk,
Thiruvallur-601 202
Sample Description : Indoor Air Quality
Sample Mark : Administration Office Room
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 16/09/2020 - 16/09/2020
Analysis Commenced On : 16/09/2020

Report No. : HECSL/WE/014/160920
Report Date : 21/09/2020

Completed On : 21/09/2020

S.No.	Parameters	Units	Results	Test Method	OSHA Standards
49	Tert-Butylbenzene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
50	Tetrachloroethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
51	Toluene	ppm	0.06	HECS/INS/SOP/073	10
52	Trans-1,2-Dichloroethane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
53	trans-1,3-Dichloropropane	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	-
54	Trichloroethylene	ppm	BLQ(LOQ 0.05)	HECS/INS/SOP/073	25

Note:-BLQ-Below limit of Quantification, LOQ-Limit of Quantification,ppm-Parts per million.
Remarks:-The Tested Parameters as above were within the limits of OSHA Standard.
End of Report




Authorized Signatory
Dr. P. ELAIYARAJU
Assistant Manager

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TEST REPORT

Page: 1 of 1

Name of the Client : M/S. SHV Energy Private Limited.,
Address of the Client : Plot No-A-11/2, Part-A, Sipcot Industrial Park,
Theruvoy Kandigai, Gummidipoondi Taluk,
Thiruvallur-691 202
Sample Description : Waste Water
Sample Mark : ETP Inlet
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 16/09/2020 -16/09/2020
Analysis Commenced On : 16/09/2020
Report No. : HECSL/WW/007/160920
Report Date : 21/09/2020
Completed On : 21/09/2020

S.No.	Parameters	Units	Results	Test Method
1	Total suspended Solids	mg/l	4.0	IS 3025 (Part 1): 1984
2	pH @ 25°C	-	8.76	4500 H+8 APHA, 23rd Edition: 2017
3	Total Dissolved Solids	mg/l	712.0	IS 3025 (Part 16) 1984
4	Oil & Grease	mg/l	BLQ(LOQ 4.0)	IS 3025 (Part 29) 1991
5	BOD, 3 days @ 27°C as O2	mg/l	14.0	IS:3025 (Part 40)1993
6	COD as O2	mg/l	62.0	IS 3025 (Part 50) 2006
7	Chloride as Cl-	mg/l	124.96	IS 3025 (Part 32) 1988
8	Sulphate as SO4	mg/l	95.08	IS 3025 (Part 24) 1986

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l - Milligrams per litre.
End of Report




Authorized Signatory
Dr. P. ELAIYARAJU
Assistant Manager

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TEST REPORT

Page: 1 of 1

Name of the Client : M/S. SHV Energy Private Limited, Report No. : HECSL/WW/008/160920
Address of the Client : Plot No-A-11/2, Part-A, Sipcot Industrial Park, Report Date : 21/09/2020
Theruvy Kandigai, Gummidipoondi Taluk,
Thiruvallur-601 202
Sample Description : Waste Water
Sample Mark : ETP Outlet
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd
Sampling/received Date : 16/09/2020 -16/09/2020
Analysis Commenced On : 16/09/2020 Completed On : 21/09/2020

S.No.	Parameters	Units	Results	Test Method	Limits
1	Total suspended Solids	mg/l	BLQ(LOQ 1.0)	IS 3025 (Part 17) 1984	100
2	pH @ 25°C	-	8.48	4300 HHS APHA 23rd Edition 2017	5.5 - 9.0
3	Total Dissolved Solids	mg/l	578.0	IS 3025 (Part 16) 1984	2100
4	Oil & Grease	mg/l	BLQ(LOQ 4.0)	IS 3025 (Part 35) 1991	10
5	BOD, 3 days @ 20°C as O ₂	mg/l	BLQ(LOQ 1.0)	IS:3025 (Part 44) 1993	30
6	COD as O ₂	mg/l	BLQ(LOQ 4.0)	IS 3025 (Part 38) 2006	250
7	Chloride as Cl ⁻	mg/l	109.36	IS 3025 (Part 32) 1988	1600
8	Sulphate as SO ₄	mg/l	76.34	IS 3025 (Part 24) 1986	1600

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/l - Milligrammes per litre.
Remarks: Outlet as above parameters meets TNPCB Standards.

End of Report



Authorized Signatory
Dr. P. ELAIYARAJU
Assistant Manager

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HECS/Q/FMT/50

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TEST REPORT

Page : 1 of 1

Name of the Client : M/S. SHV Energy Private Limited., Report No. : HECSE/SD/001/160920
Address of the Client : Plot No-A-11/2, Part-A, Sipcot Industrial Park,
Theruvay Kandigai, Gummidipoondi Taluk,
Thiruvallur-601 292 Report Date: 21/09/2020
Sample Description : SOIL
Sample Mark : Soil-Near ETP
Sample Drawn By : Hubert Enviro Care Systems Private LTD.,
Sampling/received Date : 16/09/2020 -16/09/2020
Analysis Commenced On : 16/09/2020 Completed On : 21/09/2020

S.No.	Parameters	Units	Results	Test Method
1	Colour	-	Reddish Colour	IS 3025(Part 4)
2	Soil Texture	-	Clay Loam	ASTM D4214/422
3	Soil Texture (i)Sand	%	42.37	ASTM D4214/422
4	Soil Texture (ii)Silt	%	26.65	ASTM D4214/422
5	Soil Texture (iii)Clay	%	30.98	ASTM D4214/422
6	pH (at 25°C) @ 10% Solution	-	7.05	IS:2720 (Part-26):1987
7	Electrical Conductivity (at 25°C)	µS/cm	175.0	IS:14507:2000
8	Bulk density	gm/cc	0.858	ASTM D6683-14
9	Cation exchange capacity	meq/100g	9.7	IS 2720 (Part XXIV)/IS:2010-1976
10	Moisture Content	%	12.36	IS:2720 part 2 Reaff:2000
11	Water holding capacity	%	29.34	IS 14365
12	Total Organic Carbon	%	0.117	IS:2720 (Part-22): 1972)
13	Organic Matter	%	0.072	IS:2720 (Part-22): 1972)
14	Nitrogen	mg/kg	7195.2	IS 14684:1999 I.A.2008
15	Phosphorus	mg/kg	48.96	IS 10158:1982
16	Potassium	mg/kg	5.0	US EPA Method 3050B
17	Calcium as Ca	mg/kg	158.11	EPA 3050 B/EPA 7140
18	Magnesium as Mg	mg/kg	142.48	EPA 3050 B/EPA 7450
19	Boron	mg/kg	BLQ(LOQ 0.1)	US EPA Method 206.7
20	Cadmium	mg/kg	BLQ(LOQ 0.1)	EPA 1631 B/EPA 7139
21	Copper as Cu	mg/kg	1.84	EPA 3050B/EPA 7211
22	Chromium	mg/kg	1.86	EPA 3050B/EPA 7090
23	Iron	mg/kg	7512.89	US EPA Method 3050B
24	Manganese	mg/kg	11.62	US EPA Method 3050B
25	Zinc	mg/kg	7.24	US EPA Method 3050B
26	Lead	mg/kg	0.95	US EPA Method 3050B

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg-Milligram per kilogram.

End of Report



Authorized Signatory
Dr. P. ELAIYARAJU
Assistant Manager

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECSD registration. 2. Samples are not drawn by HECSD unless or otherwise mentioned. 3. Unless specifically requested by customer the test items will not be included in a final 10 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss/damage caused by use or misuse of test report after involving or issue of test report. 5. The test results relate only to the test items. 6. If outside the scope of accreditation.

HECS/Q/PNT/50

Hubert Enviro Care Systems (P) Ltd.

18, 92nd Street, Ashok Nagar,
Chennai - 600 083.
Ph: 42985555 Fax : 42985500
E-mail : labsales@hecs.in

Laboratory Services Division

(Chemical & Biological Testing)
Recognized by MoEF, BIS
FSSAI Notified Laboratory
ISO 9001, 14001 & OHSAS 18001 Certified.

TEST REPORT

Page: 1 of 1

Name of the Client : M/S. SHV Energy Private Limited, Report No. : HECS/AN/044/160920
Address of the Client : Plot No-A-11/2, Part-A, Sipcot Industrial Park, Report Date : 21/09/2020
Thiruvy Kandipal, Gannidipundi Taluk,
Thiruvallur-601 202
Sample Description : Noise Monitoring
Sample Mark : Ambient Noise
Sample Drawn By : Hubert Enviro Care Systems Pvt Ltd,
Sampling/received Date : 16/09/2020 -16/09/2020
Analysis Commenced On : 16/09/2020

S.No.	Locations	Time	Day Noise level(dB)
1	Near Filling Shed	2.00 pm	74.1
2	Near LPG-Pump Shed	2.20 pm	73.5
3	Near Admin Office Room	2.40 pm	51.9

Limits set by CPCB:

i. Industrial Area	: Day Time-75 dB (A);	Night Time-70 dB (A).
ii. Commercial Area	: Day Time-65 dB (A);	Night Time-55 dB (A).
iii. Residential Area	: Day Time-55 dB (A);	Night Time-45 dB (A).
iv. Silence Zone	: Day Time-50 dB (A);	Night Time-40 dB (A).
v. Working Area	: 90 dB (A).	




Authorized Signatory
Dr. P. ELAIYARAJU
Assistant Manager

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unless or otherwise mentioned. 3. Unless specifically requested by customer the test basis will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any liability or loss/damage caused by user or misuse of test report after releasing or issue of test report. 5. The test results relate only to the test items. 6. Firm under scope of accreditation.

HECS/Q/FMT/50

Annexure 14
Green Belt Development



Annexure 15

Rain water Harvesting Pits



Annexure 16

Project Completion acknowledgment copy



8th Jan, 2019

To

Thiru. A. R. Baskaran, B.E.,
Joint Director (BOCW)
Directorate of Industrial Safety and Health,
SIDCO Industrial Estate,
Near Metro Water Roundtana
Guindy, Chennai -- 600 032

Sub : Submitting Form IV – Completion of Construction of LPG Bottling Plant – SHV Energy private Limited, Thervoy Kandigai, Chennai

Ref : Certificate of registration: R.C. No. ML/TVR-03 /2018

Dear Sir,

We have obtained certificate of registration granted under clause (a) of sub-section (2) of section 4 of the Inter-state Migrant Workmen (Regulation of Employment and Conditions of Service) Act 1979 (Central Act 30 of 1979) for our site for carrying out construction activities vide R.C. No. ML/TVR – 03 / 2018 dated 13.03. 2018.

We wish to inform you that, the construction work of LPG Bottling Plant has been completed with effect from 31.08.2018.

In this regard, we are submitting form IV as notice of completion of Construction of LPG Bottling Plant – SHV Energy private Limited, Thervoy Kandigai, Chennai.

We would request your goodself to kindly accept and do the needful at your end for closure of our records.

Thanking You

For SHV Energy Private Limited

Mr. M Sivakumar (General Manager - projects)

Authorized Signatory

Encl:

1. Form IV – (One Original + 2 Copies)
2. Copy of Form II (TriPLICATE)



Received
28.01.19
O/O Joint Director (BOCW)
Industrial Safety and Health,
Guindy, Chennai-600 032.





7th Jan, 2019

To

Thiru. A. R. Baskaran, B.E.,
Joint Director (BOCW)
Directorate of Industrial Safety and Health,
SIDCO Industrial Estate,
Near Metro Water Roundtana
Guindy, Chennai – 600 032

Sub : Submitting Form VI - B – Completion of Construction of LPG Bottling Plant – SHV Energy private Limited, Thervoy Kandigai, Chennai

Ref : Our Application for registration certificate dated: 23.01.2018
Received at your office dated: 23.01.2018
Your reply Lr. No. B/091/2017 dated: 13.03.2018

Dear Sir,

We have obtained Labour license – certificate of registration for our site for carrying out construction activities vide your letter no B/091/2017. We wish to inform you that, the construction work has been completed at site and all the respective Contract Labours have vacated the site.

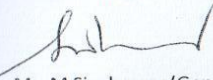
In this regard, we are submitting form VI- B as per Contract Labour (R&A) Central Rules – 1971 for the below mentioned contractors.

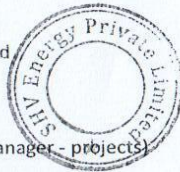
1. M/s GMS Elegant Builders (I) Pvt Ltd, License Number 42/2018 and 38/2018
2. M/s Mechelein Engineers, License Number 35/2018

We would request your goodself to kindly accept and do the needful at your end for closure of our records.

Thanking You

For SHV Energy Private Limited


Mr. M Sivakumar (General Manager - projects)



Received
②- 48/2018
010 Joint Director (BOCW)
Industrial Safety and Health,
Guindy, Chennai-600 032.

Authorized Signatory

Encl:

1. Form VI – B for Mechelein Engineers (one Original + 2 copies)
2. Form VI – B for GMS Elegant Builders (one Original + 2 copies)
3. Copy of BOCW License (3 copies)

SHV ENERGY PRIVATE LIMITED

Regd. Office: 8-2-334, 4th Floor, SUPERGAS House, S.D.E Serene Chambers, Road No.7, Banjara Hills, Hyderabad - 500 034

PH: 040-23540079, E: shv@supergas.com, W: www.supergas.com

SEPL CIN: U24111TG1996PTC030487



Annexure 17

Environment Statement - Form V

SHV ENERGY PRIVATE LIMITED

SUPERGAS LPG Bottling Plant,
Plot No.: A 11/2, Part A SIPCOT Industrial Park, Thervoy Kandigai Village,
Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu – 601202
✉ shv-thervoy@supergas.com



To,
The District Environmental Engineer
Tamil Nadu Pollution Control Board,
Gummidipoondi

Date:20.07.2020

Sub: Submission of Environmental Statement (Form-V) for financial year 2019-20

Ref: Consent Order Nos. 1908220516513 and 1908120516513 dated 05/11/2019

Dear Sir,

Refer to the subject here we submit our Environmental Statement for financial year 2019-20.
Kindly acknowledge the same for our future record.

Thanking You,

For SHV Energy Pvt. Ltd.



Plant Manager
Plot No : 11/2, Part A Sipcot Industrial Park,
Thervoy kandigai village, Gummidipoondi Taluk,
Thiruvallur District, Tamil Nadu - 601202

Encl: Duly filled Form V



SHV ENERGY PRIVATE LIMITED

Regd. Office: 8-2-334, 4th Floor, SUPERGAS House, S.D.E Serene Chambers, Road No.7, Banjara Hills, Hyderabad - 500 034
PH: 040-23540079. E: shv@supergas.com, W: www.supergas.com
SEPL CIN: U24111TG1996PTC030487

