

कोंकण एलएनजी लिमिटेड
Konkan LNG Limited
(Promoters: GAIL (India) Ltd. & NTPC Ltd.)

पोस्ट अंजनवेल, ता. गुहागर, जि. रत्नागिरी, पिन कोड - 415 634 (महाराष्ट्र)
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Ref: KLL/LNG/EC/TS/20-21/Ltr.-01

Dated: - 08.06.2020

To
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur, Maharashtra-440001.

Kind Attention: Sh. Suresh Kumar Adapa, Scientist-D

Dear Sir,

Sub: - Six monthly compliance of condition stipulated in Environmental clearances granted to Konkan LNG Limited – Reg.

- Ref: 1. Environmental Clearance for Construction of Breakwater and related Foreshore activities for LNG import terminal at Dabhol with Letter No. J-16011/12.98-IA-III dated 18th January, 1999.
2. Establishment of Port Facilities by Dabhol Power Company with Letter No. J-16011/19/93-IA.III dated 12th April, 1994.

In view the condition laid by MoEF&CC for submission of six-monthly compliance status of conditions stipulated in Environmental clearances granted in favor of Konkan LNG Limited, we hereby submit required information for the period Oct-2019 to Mar-2020.

Regards,


8.6.20
Shaligram Mowar,
COO, KLL

Enclosures: Annex-I, II, III

KLL	KONKAN LNG LIMITED	From: Oct., 2019 To : Mar., 2020	Annex-I
Half Yearly Compliance Report for Environmental Clearance for Construction of Breakwater and related Foreshore activities for LNG Import terminal at Dabhol			
S. No.	Conditions	Compliance	
i	All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.	As and when the construction restarts, all the approvals of concerned State Govt. Departments/Agencies to the proposed construction activities will be ensured.	
ii	All the conditions stipulated by the Maharashtra Maritime Board vide their letter No. MMB/HGR/1470 dated 15 th June, 1998 shall be complied with.	Conditions stipulated by MMB are being complied.	
iii	Ground water should not be tapped for construction work. Adequate provision for infrastructure facilities such as water supply, fuel for cooking, sanitation etc. must be made for the labourers during construction period to avoid damage to the environment.	It is agreed that No ground water will be tapped during construction work. Same will be ensured during execution of work by the contractor. It is agreed that Adequate provision for infrastructure facilities such as water supply, fuel for cooking, sanitation etc. will be made for the labourers during construction period to avoid damage to the environment.	
iv	The Accropode Casting Yard, Stone Storage Yard, Store Room, Living Quarters and Office shall be located outside the CRZ area. The temporary office to be located to the CRZ area shall be demolished as soon as the construction work is over it shall also be ensured that the temporary office is outside the No Department Zone.	During construction of Breakwater, it will be ensured strict compliance of CRZ notification,2011.	

KLL	KONKAN LNG LIMITED	From: Oct., 2019 To : Mar., 2020	Annex-I
Half Yearly Compliance Report for Environmental Clearance for Construction of Breakwater and related Foreshore activities for LNG Import terminal at Dabhol			
		be ensured during execution of work by the contractor.	
v	Approvals of the competent authority shall be obtained for quarrying before actually starting the work.	Approvals of the competent authority will be obtained for quarrying before actually starting the work.	
vi	It shall be ensured that no quarrying material is procured from within the CRZ area.	Ensured that no quarrying material will be procured from within the CRZ area during Breakwater construction.	
vii	Adequate safeguard measures shall be taken to ensure that the overburden and rock at the quarry site does not find its way into Vashishti river.	Adequate safeguard measures will be taken to ensure that the overburden and rock at the quarry site does not find its way into Vashishti river.	
viii	Adequate monitoring system shall be established to keep a watch on the trends in changes of the marine environment in general and fisheries in particular.	No fishing activities are allowed in the vicinity of jetty as they hamper LNG cargo movements. Study will be carried out to record changes in the marine environment.	
ix	The extent of erosion, which could take place on the southern side of the Guhagar Beach, will be monitored after the construction of the breakwater to get information on the extent of erosion taking place. If any. Based on the study additional safeguard measures, if any required, would be taken.	Noted & Agreed.	
x	To prevent discharge of sewage and other liquid wastes, adequate system for collection and treatment of liquid wastes must be provided. The quality of treated effluent, omissions, solid wastes and noise	There will be no sewage discharge during construction of breakwater. Ambient air monitoring & Noise level monitoring is being carried out on monthly basis.	



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Half Yearly Compliance Report for Environmental Clearance for Construction of Breakwater and related Foreshore activities for LNG Import terminal at Dabhol			
	levels must conform to the standards laid down by the competent authority, including Central/State Pollution Control Board.		
xi	The dredging operation should be executed with appropriate safeguard measures to prevent high turbidity conditions.	Noted & will be complied.	
xii	The dredged material should be disposed of at pre-identified sites in consultation with the C.W.P.R.S., Pune	Previously dredged material is dumped into the sea at a point as advised by CWPRS Pune.	
xiii	For employing unskilled workers for the project, reservation shall be made for the local people. In the case of employment of semi-skilled and skilled workers, preference shall be given to local people.	Noted & Agreed.	
xiv	A grievance Redressal Cell shall be constituted with representatives from the local people, State Department of Environment and local fishermen community to ensure that their interest is appropriately taken care of.	Marine dept regularly coordinates with Dept of Fisheries, Indian Coast guard, PSAC, Local Fisheries Unions. No complaint has been received so far.	
xv	To meet any emergency situation appropriate firefighting system and water pipeline should be installed. Appropriate arrangement for uninterrupted power supply to the environment protection equipment and continuous water supply for the firefighting system should be made.	Complied. Firefighting equipment & Disaster Management plan are already in place.	
xvi	On-site Disaster Management Plan shall be prepared and regular drills	Complied.	

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KLL	KONKAN LNG LIMITED	From: Oct., 2019 To : Mar., 2020	Annex-I
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	will be conducted to check the effectiveness of the plan.		
xvii	The recommendations made in the Environmental Management Plan and Disaster Management Plan as contained in the EIA Report, and Risk Analysis Report shall be implemented effectively.	Noted & Agreed.	
xviii	A separate Environmental Management Cell with suitably qualified staff to carry out various environment related functions should be set up under the control of a Senior Executive who will report directly to the Chief Executive.	Environmental Management Cell has been established under the supervision of Project In charge.	
xix	The funds earmarked for environment protection measures should be kept in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry.	20 Lacs per annum is earmarked for environment monitoring works as well as tree plantation & horticulture.	
xx	Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Board by the project proponents during inspection of the project for monitoring purposes, by furnishing full details and action plans including action taken reports in respect of mitigative measures and other environmental protection activities.	Noted & Agreed.	

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KLL	KONKAN LNG LIMITED	From: Oct., 2019 To : Mar., 2020	Annex-I
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xxi	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to the Ministry for modification in the clearance conditions or imposition of ne one for ensuring environmental protection. The project proponents would be responsible for implementing the suggested safeguard measures.	Noted & Agreed.	
xxii	The project proponents shall undertake environmental monitoring regularly to monitor ambient air quality, noise levels and water quality and submit six monthly report to the Regional Office of this Ministry at Bhopal.	Monthly monitoring of various environmental parameters is being carried out. Feb'20 Month report is attached as Annexure-III as due submission.	
xxiii	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated is not with to the complied with to the satisfaction of the Ministry.	Noted & Agreed.	

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KLL	KONKAN LNG LIMITED	From: Oct., 2019 To : Mar., 2020	Annex- II
Half Yearly Compliance Report for Environmental Clearance for Port facilities by Konkan LNG Limited.			
S. No.	Conditions	Compliance	
i	Dredging operation should be undertaken in consultation with an Expert Institute such as Central Water and Power Research Station (CWPRS) Pune, or any other Institute, to ensure that dredging operations do not cause any adverse impact on surface and ground water and marine productivity in the vicinity.	CWPRS gives details of dredged silt dumping yard and annual report is submitted accordingly by KLL. NHO chart 2065 depicting navigational channel is also available. Hence, Complied.	
ii	During dredging, construction and maintenance stages, the water quality parameters at the bottom level should be inspected and periodic records be maintained. Tests should be carried out to measure water quality parameters viz. turbidity, dissolved oxygen ammoniacal nitrogen and other nutrients which must be maintained within the prescribed standards.	Soil test is being done during dredging operation for calculation of density. water quality parameters at the bottom level will be ensured during annual dredging.	
iii	Screening of pollutants in the harbor waters should be taken up by the project authorities and periodical monitoring reports on water quality parameters must be forwarded to this Ministry at six monthly intervals.	Screening of pollutants in harbor water like physicochemical & biological parameters are being done every 6 months by NABL accredited lab. Complied.	
iv	A comprehensive Disaster Management Plan considering worst-case disaster scenarios with respect to specific cases like oil/chemical spills, fire/explosion, terrorist attack, flood etc. spelling out definite/adequate measure to be taken to prevent and contain such disasters. A report on this must be forwarded to this Ministry within six months from the date of issue of the environmental clearance.	ERDMP is prepared by KLL as per PNGRB requirement. Onsite & Offsite emergency plans are existing & mock drill with 3-month frequency is already in practice. Oil Spill contingency plan is under approval by Coast guard. Being complied.	

KLL	KONKAN LNG LIMITED	From: Oct., 2019 To : Mar., 2020	Annex- II
Half Yearly Compliance Report for Environmental Clearance for Port facilities by Konkan LNG Limited.			
v	To prevent discharge of sewage, bilge wastes and other liquid wastes into the marine environment, adequate system for collection, treatment and disposal of liquid wastes including shoreline interceptor for receiving liquid wastes from all shoreline installations and special hose connection of ships to allow for discharge of sewage must be provided.	No process affluent will be generated as the process indulged is only vaporization. No sewage, bilge wastes and other liquid wastes are collected from Ship. Ships have their own sewage plant and comply with MARPOL convention.	
vi	Appropriate devices such as oil water separator, oil monitor, oil skimmer etc., must be provided to remove all floatable material including oil spills while re-fueling the vessels, because of operations of cargo handling equipment and allied machinery, cranes, tractors etc., to tackle the oil pollution in the port area and marine environment.	Oil Spill management & control equipment like Skimmer, Foam filled air boom, River boom, Shore sealing boom, dedicated recovery tank, Oil sorbent pads, etc are available with KLL.	
vii	Proper firefighting arrangements must be ensured by providing adequate number of fire hydrants in fire prone areas. The entire firefighting line must be maintained under pressure through jockey pumps and appropriate volume of dead storage water must be ensured for this purpose. The employees must be kept alert and trained to combat fire by conducting regular fire drills to keep these facilities in working conditions.	Firefighting equipment have been made available in Jetty, Regas area, tank area. Equipment include F&G detectors, Smoke detectors, Fire alarms, Fire water n/w consisting of hydrant, Deluge system, FW tanks. Hence, Complied.	
viii	The project authorities must take steps to prevent spillage and leakage of diesel/oil from storage tanks. Adequate firefighting arrangements must be provided for the storage tank area to contain any fire hazards due to accidental spillage.		
ix	The quality of treated effluents, solid wastes, emissions and noise levels etc., must conform to the standards laid down by the competent authorities including Central/State Pollution Control Board and under the Environment	Complied. Ambient air, Noise levels are carried out monthly through external NABL accredited Lab. Harbor water quality is being	

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KLL	KONKAN LNG LIMITED	From: Oct., 2019 To : Mar., 2020	Annex- II
Half Yearly Compliance Report for Environmental Clearance for Port facilities by Konkan LNG Limited.			
	(Protection) Act, 1986, whichever are more stringent.	monitored six-monthly through external NABL accredited Lab.	

(Signature)
(Ranjit Gupta)

(Signature)
(Ridwan Kogi)

MAHARASHTRA ENVIRO POWER LTD

ISO 9001:2009 IECMS 14001 : 2004 OHSAS 18001 : 2007 Certified Company
(Common Hazardous Waste Treatment, Storage and Disposal Facility)
The Corporate Identity Number (CIN) : U40103MH2005PLC150780



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AMBIENT AIR QUALITY MONITORING REPORT

Report Number	MEPL/LAB/KLNG/2020/02/68	Report Date: 10/03/2020	Reference Number : 200268/1
Name & Address of the Company	M/S Konkan LNG Private Limited A/P Anjanwel, Tal-Guhagar, Dist- Ratnagiri – 415634		
Date of Sampling	28/02/2020	Date of Receipt of Sample	29/02/2020
Date of commencement of Analysis	02/03/2020	Date of completion of Analysis	09/03/2020
Sample Quantity/ Packing	PM ₁₀ , BaP, Metals: 1X3 nos. Filter papers PM _{2.5} :1Xa no. Filter Paper	SO ₂ , NO ₂ :30 mlX6 no. Plastic bottles each NH ₃ :10mlX24 Plastic bottles C ₄ H ₄ : 1 X6 no. Charcoal Tubes	CO: 1X1 no. Tedlar bag
Sample Condition	OK	Your order reference no.	LOA:KLPL/FL066/5300000073/15992/18-19 dtd: 05.02.2019
Location	LNG Gate No.1		

Metrological Data

Average Wind Velocity (M/s)	Predominant Wind Direction	Temperature Max, Min °C	Duration of sampling in Hrs.
2.5	NW	Max: 35°C, Min: 22°C	24 Hrs.

OBSERVATIONS

Ambient Temperature In °C	Relative Humidity In %	Time of Sampling In Hrs.
35	53	02:30 pm

RESULTS

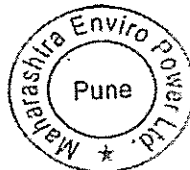
Sr. No	Description	Unit	Results	NAAQ Standards: 2009	Analysis Method
01	Respirable Suspended Particulate Matter(PM 10)	µg/m ³	40	≤100	IS 5182 (Part-23)2006 RA:2012
02	Respirable Suspended Particulate Matter(PM 2.5)	µg/m ³	37	≤60	CPCB Guidelines for measurement of AAP Vol. I, 2011
03	Sulphur Dioxide	µg/m ³	5.4	≤80	IS 5182 Part(2) 2001 RA2012
04	Oxides of Nitrogen	µg/m ³	10.5	≤80	IS 5182 (Part VI) : 2006RA 2012
05	Lead	µg/m ³	BDL	≤1.0	CPCB Guidelines for measurement of AAP Vol. I, 2011
06	Carbon Monoxide	mg/m ³	0.07	≤02	IS 11255 Part 6 -1999
07	Ammonia	µg/m ³	BDL	≤400	CPCB Guidelines for measurement of AAP Vol. I, 2011
08	Benzene	µg/m ³	BDL	≤05	IS 5182 (Part 11):2006)
09	Benzopyrene	ng/m ³	BDL	≤01	IS 5182 (Part 12):2004)
10	Nickel	ng/m ³	BDL	≤20	CPCB Guidelines for measurement of AAP Vol. I, 2011
11	Arsenic	ng/m ³	BDL	≤06	CPCB Guidelines for measurement of AAP Vol. I, 2011
12	Ozone	µg/m ³	4.9	≤180	CPCB Guidelines for measurement of AAP Vol. I, 2011

REMARKS/ OBSERVATIONS:

- All above results are within National Ambient Air Quality Standards.
- BDL: Below detectable level.

FOR MAHARASHTRA ENVIROPOWER LIMITED

P. K. Koli
Checked By



S. Sakhar
Approved By

CHWSTDF : Plot No. P-56, Ranjangaon, Tal. Shirur, Dist. Pune. Pin-412220. Ph : +91-2138-670352, Telefax : +91-2138-670350

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"An Environmental Laboratory Accredited by NABL, ISO/IEC 17025:2017 TC-5138 & Recognized by MoEF&CC"

MAHARASHTRA ENVIRO POWER LTD

ISO 9001:2008/EMS 14001 : 2004/OHSAS 18001 : 2007 Certified Company
(Common Hazardous Waste Treatment, Storage and Disposal Facility)
The Corporate Identity Number (CIN) : U40105MH2005PLC150789



AMBIENT AIR QUALITY MONITORING REPORT

Report Number	MEPL/LAB/KLNG/2020/02/68	Report Date: 10/03/2020	Reference Number : 200268/2
Name & Address of the Company	M/S Konkan LNG Private Limited A/P Anjanwel, Tal-Guhagar, Dist- Ratnagiri – 415634		
Date of Sampling	28/02/2020	Date of Receipt of Sample	29/02/2020
Date of commencement of Analysis	02/03/2020	Date of completion of Analysis	09/03/2020
Sample Quantity/ Packing	PM ₁₀ , BaP, Metals: 1X3 nos. Filter papers PM _{2.5} :1Xa no. Filter Paper	SO ₂ , NO ₂ :30 mlX6 no. Plastic bottles each NH ₃ :10mlX24 Plastic bottles C ₄ H ₄ : 1 X6 no. Charcoal Tubes	CO: 1X1 no. Tedlar bag
Sample Condition	OK	Your order reference no.	LOA:KLPL/FL066/5300000073/15992/18-19 dtd: 05.02.2019
Location	6.6 KV Substation		

Metrological Data

Average Wind Velocity (M/s)	Predominant Wind Direction	Temperature Max, Min °C	Duration of sampling in Hrs.
2.5	NW	Max: 35°C, Min: 22°C	24 Hrs.

OBSERVATIONS

Ambient Temperature In °C	Relative Humidity In %	Time of Sampling In Hrs.
35	53	03:00 pm

RESULTS

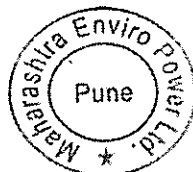
Sr. No	Description	Unit	Results	NAAQ Standards: 2009	Analysis Method
01	Respirable Suspended Particulate Matter(PM 10)	µg/m ³	41	≤100	IS 5182 (Part-23)2006 RA:2012
02	Respirable Suspended Particulate Matter(PM 2.5)	µg/m ³	37	≤60	CPCB Guidelines for measurement of AAP Vol. I, 2011
03	Sulphur Dioxide	µg/m ³	6.2	≤80	IS 5182 Part(2) 2001 RA2012
04	Oxides of Nitrogen	µg/m ³	10.3	≤80	IS 5182 (Part VI) : 2006RA 2012
05	Lead	µg/m ³	BDL	≤1.0	CPCB Guidelines for measurement of AAP Vol. I, 2011
06	Carbon Monoxide	mg/m ³	0.09	≤02	IS 11255 Part 6 -1999
07	Ammonia	µg/m ³	BDL	≤400	CPCB Guidelines for measurement of AAP Vol. I, 2011
08	Benzene	µg/m ³	BDL	≤05	IS 5182 (Part 11/:2006)
09	Benzopyrene	ng/m ³	BDL	≤01	IS 5182 (Part 12/:2004)
10	Nickel	ng/m ³	BDL	≤20	CPCB Guidelines for measurement of AAP Vol. I, 2011
11	Arsenic	ng/m ³	BDL	≤06	CPCB Guidelines for measurement of AAP Vol. I, 2011
12	Ozone	µg/m ³	5.3	≤180	CPCB Guidelines for measurement of AAP Vol. I, 2011

REMARKS/ OBSERVATIONS:

- All above results are within National Ambient Air Quality Standards.
- BDL: Below detectable level.

FOR MAHARASHTRA ENVIROPOWER LIMITED

P. K. Kati
Checked By



S. K. Khan
Approved By

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The Corporate Identity Number (CIN) : U40105MH2005PLC150780



AMBIENT AIR QUALITY MONITORING REPORT

Report Number	MEPL/LAB/KLNG/2020/02/68	Report Date: 10/03/2020	Reference Number : 200268/3
Name & Address of the Company	M/S Konkan LNG Private Limited A/P Anjanwel, Tal-Guhagar, Dist- Ratnagiri – 415634		
Date of Sampling	28/02/2020	Date of Receipt of Sample	29/02/2020
Date of commencement of Analysis	02/03/2020	Date of completion of Analysis	09/03/2020
Sample Quantity/ Packing	PM ₁₀ , BaP, Metals: 1X3 nos. Filter papers PM _{2.5} :1Xa no. Filter Paper	SO ₂ , NO ₂ :30 mlX6 no. Plastic bottles each NH ₃ :10mlX24 Plastic bottles C ₄ H ₄ : 1 X6 no. Charcoal Tubes	CO: 1X1 no. Tedlar bag
Sample Condition	OK	Your order reference no.	LOA:KLPL/FL066/5300000073/15992/18-19 dtd: 05.02.2019
Location	Fire station		

Metrological Data

Average Wind Velocity (M/s)	Predominant Wind Direction	Temperature Max, Min °C	Duration of sampling in Hrs.
2.8	NW	Max: 35°C, Min: 22°C	24 Hrs.

OBSERVATIONS

Ambient Temperature In °C	Relative Humidity In %	Time of Sampling In Hrs.
34	53	03:20 pm

RESULTS

Sr. No	Description	Unit	Results	NAAQ Standards: 2009	Analysis Method
01	Respirable Suspended Particulate Matter(PM 10)	µg/m ³	45	≤100	IS 5182 (Part-23)2006 RA:2012
02	Respirable Suspended Particulate Matter(PM 2.5)	µg/m ³	34	≤60	CPCB Guidelines for measurement of AAP Vol. I, 2011
03	Sulphur Dioxide	µg/m ³	6.9	≤80	IS 5182 Part(2) 2001 RA2012
04	Oxides of Nitrogen	µg/m ³	10.1	≤80	IS 5182 (Part VI) : 2006RA 2012
05	Lead	µg/m ³	BDL	≤1.0	CPCB Guidelines for measurement of AAP Vol. I, 2011
06	Carbon Monoxide	mg/m ³	0.08	≤02	IS 11255 Part 6 -1999
07	Ammonia	µg/m ³	BDL	≤400	CPCB Guidelines for measurement of AAP Vol. I, 2011
08	Benzene	µg/m ³	BDL	≤05	IS 5182 (Part 11):2006)
09	Benzopyrene	ng/m ³	BDL	≤01	IS 5182 (Part 12):2004)
10	Nickel	ng/m ³	BDL	≤20	CPCB Guidelines for measurement of AAP Vol. I, 2011
11	Arsenic	ng/m ³	BDL	≤06	CPCB Guidelines for measurement of AAP Vol. I, 2011
12	Ozone	µg/m ³	5.8	≤180	CPCB Guidelines for measurement of AAP Vol. I, 2011

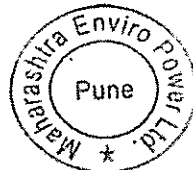
REMARKS/ OBSERVATIONS:

- All above results are within National Ambient Air Quality Standards.
- BDL: Below detectable level.

FOR MAHARASHTRA ENVIROPOWER LIMITED

P. P. Chitambar
Checked By

S. S. Khan
Approved By



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(Common Hazardous Waste Treatment, Storage and Disposal Facility)
The Corporate Identity Number (CIN) : U40105MH2005PLC150780



WORKZONE AIR QUALITY MONITORING REPORT

Report Number	MEPL/LAB/KLNG/2020/02/68	Report Date: 10/03/2020	Reference Number : 200268/4		
Name & Address of the Company	M/S Konkan LNG Private Limited A/P Anjanwel, Tal-Guhagar, Dist- Ratnagiri – 415634				
Date of Sampling	29/02/2020	Date of Receipt of Sample	29/02/2020	Monitoring done by	SMS
Date of commencement of Analysis	02/03/2020	Date of completion of Analysis	09/03/2020		
Sample Quantity/ Packing	RPM, SPM: 1nos. Filter papers 1 no. zip bag				
Sample Condition	OK	Your order reference no.	LOA:KLPL/FLO66/5300000073/15992/18-19 dtd: 05.02.2019		
Location	BOG Compressor Area				

OBSERVATIONS

Ambient Temperature in °C	Relative humidity in %	Time of Sampling in Hrs.	Duration of sampling in Hrs.
29	48	10:30 am	8 Hrs.

RESULTS

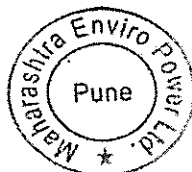
Sr. No.	Description	Unit	Results	TLV	Analysis Method
01	Respirable Suspended Particulate Matter (PM 10)	µg/m ³	36	≤N.S	IS 5182 (Part-23)2006 RA:2012
02	Sulphur Dioxide	µg/m ³	6.2	≤5000	IS 5182 Part(2) 2001 RA2012
03	Oxides of Nitrogen	µg/m ³	7.2	≤6000	IS 5182 (Part VI) : 2006 RA 2012
04	VOC				
i)	Benzene	ppm	BDL	≤N.S	PID Detector
ii)	Xylene	ppm	BDL	≤N.S	PID Detector
iii)	Toluene	ppm	BDL	≤N.S	PID Detector

REMARKS/ OBSERVATIONS:

- All the parameters are within limit as per the Factories Act, 1948 under Second Schedule of section 41-F
- N.S. : Not specified.

FOR MAHARASHTRA ENVIROPOWER LIMITED


Checked By




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MAHARASHTRA ENVIRO POWER LTD

ISO 9001:2008 IEMS 14001 : 2004 OHSAS 18001 : 2007 Certified Company
(Common Hazardous Waste Treatment, Storage and Disposal Facility)
The Corporate Identity Number (CIN) : U40105MH2005PLC150789



WORKZONE AIR QUALITY MONITORING REPORT

Report Number	MEPL/LAB/KLNG/2020/02/68	Report Date: 10/03/2020	Reference Number : 200268/5
Name & Address of the Company	M/S Konkan LNG Private Limited A/P Anjanwel, Tal-Guhagar, Dist- Ratnagiri – 415634		
Date of Sampling	29/02/2020	Date of Receipt of Sample	29/02/2020
		Monitoring done by	SMS
Date of commencement of Analysis	02/03/2020	Date of completion of Analysis	09/03/2020
Sample Quantity/ Packing	RPM, SPM: 1nos. Filter papers 1 no. zip bag		
Sample Condition	OK	Your order reference no.	LOA:KLPL/FL066/5300000073/15992/18-19 dtd: 05.02.2019
Location	HP Vaporizer Area		

OBSERVATIONS

Ambient Temperature in °C	Relative humidity in %	Time of Sampling in Hrs.	Duration of sampling in Hrs.
29	48	11:00 am	8 Hrs.

RESULTS

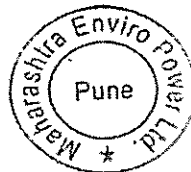
Sr. No.	Description	Unit	Results	TLV	Analysis Method
01	Respirable Suspended Particulate Matter (PM 10)	µg/m ³	41	≤N.S	IS 5182 (Part-23)2006 RA:2012
02	Sulphur Dioxide	µg/m ³	5.7	≤5000	IS 5182 Part(2) 2001 RA2012
03	Oxides of Nitrogen	µg/m ³	7.5	≤6000	IS 5182 (Part VI) : 2006 RA 2012
04	VOC				
i)	Benzene	ppm	BDL	≤N.S	PID Detector
ii)	Xylene	ppm	BDL	≤N.S	PID Detector
iii)	Toluene	ppm	BDL	≤N.S	PID Detector

REMARKS/ OBSERVATIONS:

- All the parameters are within limit as per the Factories Act, 1948 under Second Schedule of section 41-F
- N.S. : Not specified.

FOR MAHARASHTRA ENVIROPOWER LIMITED

P. Pradi
Checked By



S. Sakhan
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AMBIENT NOISE MONITORING REPORT

Report Number	MEPL/LAB/KLNG/2020/02/68	Report Date: 10/03/2020	Reference Number : 200268/6		
Name & Address of the Company	M/S Konkan LNG Private Limited A/P Anjanwel, Tal-Guhagar, Dist- Ratnagiri – 415634				
Date of Sampling	28/02/2020	Monitoring done by	SMS	Your order reference no.	LOA:KLPL/FL066/5300000073/15992/1 8-19 dtd: 05.02.2019

RESULTS

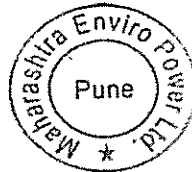
Sr. No.	Location	Unit	Results (02:05 pm)	MPCB Limit (Day Time)
01	Near Jetting Head Area	dB(A)	62.6	≤75
02	Near 6.6 KVA Substation Area	dB(A)	66.4	≤75
03	Near Fire station area	dB(A)	65.1	≤75
04	Near BOG Compressor area	dB(A)	73.9	≤75
05	HP Vaporizer area	dB(A)	71.7	≤75

REMARKS/ OBSERVATIONS:

- All Noise levels are within limit as per Noise Pollution (Regulation & Control) (Amendment) Rules 2010.

FOR MAHARASHTRA ENVIROPOWER LIMITED


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AMBIENT NOISE MONITORING REPORT

Report Number	MEPL/LAB/KLNG/2020/02/68	Report Date: 10/03/2020	Reference Number : 200268/7		
Name & Address of the Company	M/S Konkan LNG Private Limited A/P Anjanwel, Tal-Guhagar, Dist- Ratnagiri – 415634				
Date of Sampling	28/02/2020	Monitoring done by	SMS	Your order reference no.	LOA:KLPL/FLO66/5300000073/15992/1 8-19 dtd: 05.02.2019

RESULTS

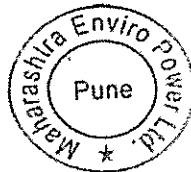
Sr. No.	Location	Unit	Results (10:00 pm)	MPCB Limit (Night Time)
01	Near Jetting Head Area	dB(A)	49.2	≤70
02	Near 6.6 KVA Substation Area	dB(A)	50.2	≤70
03	Near Fire station area	dB(A)	50.7	≤70
04	Near BOG Compressor area	dB(A)	55.6	≤70
05	Near Vaporizer area	dB(A)	54.7	≤70

REMARKS/ OBSERVATIONS:

- All Noise levels are within limit as per Noise Pollution (Regulation & Control) (Amendment) Rules 2010.

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