

GSECL

# GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Utran Gas Based Power Station, Utran, -Surat- 394105. Ph. 91-261-2499153  
Fax: 91-261-2499180e-mail: ceutran.gsecl@gebmail.com Website: [www.gsecl.in](http://www.gsecl.in)  
Our GST & TIN No: 24190201429 DT. 30/09/2005/Our CST & TIN No: 24690201429 DT. 30/09/2005  
CIN: U40100GJ1993SGC019988

REF NO: UGBPS/EFFI/ENV/MoEF/R-007/  
By RPAD

DATE:

No 1287

19 JUN 2020

To,

The Addl. Principal Chief Conservator of Forests (C),  
Ministry of Environment, Forests & Climate Change,  
Regional Office (Western Region),  
Kendriya Paryavaran Bhavan,  
Link Road no. 3, E-5, Ravishankar Nagar,  
Bhopal - 462 016. (MP)

Sub.: Submission of updated half-yearly environmental clearance compliance report with all required information of 375 MW Gas based CCPP at GSECL-Utran.  
Ref.: 1. Environmental clearance issued by MOEF vide letter no. J-13011/65/2008-IA.II (T), dtd. 05/02/2009.  
2. GoG Forest & Environment Department letter no. Env.10.2004-120-P, 03-06-2005.

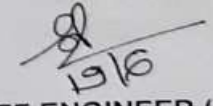
Dear Sir,

In context to above subject, enclosed herewith please find half yearly compliance report of environment clearance issued by MOEF for 375 MW Gas based CCPP at GSECL-Utran, along with statistics of data regarding effluent quality, stack emission and ambient air quality for the period from Oct 2019 to March 2020 in Annexure - I to IV.

Thanking you,

For and on behalf of GSECL

Encl: Annexure I to IV

  
CHIEF ENGINEER (GEN)  
GSECL: GBPS: UTRAN

Copy f. w. cs. To:

1. The Member Secretary,  
Gujarat Pollution Control Board  
Paryavaran Bhavan, Sector-10A,  
Gandhinagar-382010.

Copy to: (By mail)

1. C.E. (Gen.), GSECL, Vadodara

**Additional conditional for Amendment of 374.57 MW Natural Gas / R-LNG Based CCPP Unit-II at Utran: Environmental Clearance issued by MOEF vide letter No. J-13011/65/2008-IA.II (T) Dated 05-02-2009- Compliance to stipulated Conditions-Reg.**

Sr. No.	Conditions laid down in clearance by MoEF	Compliance
<b>A</b>	<b>SPECIFIC CONDITIONS:</b>	
i	The stack height shall not be less than 30 mt.	50 meter height is provided for the main stack.
ii	The NO <sub>x</sub> emissions shall be limited to 50 ppm.	<p>Best available dry low NO<sub>x</sub> (DLN) combustion technology is installed for comply 50 ppm norms.</p> <p>Environmental burner - 24 No's in annular combustor followed by the SEV (Sequential Environmental - 24 No's) burner in second stage installed in our unit. Both EV &amp; SEV burners designed for supporting above said criteria to maintain No<sub>x</sub> level remain low.</p> <p>As per record of monitoring result (Annexure-1) , it is confirmed that NO<sub>x</sub> emissions are within limit. NO<sub>x</sub> results are attached as Annexure-1.</p> <p>Real time online monitoring system is also installed for data transmission at CPCB &amp; GPCB server.</p>
iii	Project proponent will upload the compliance status of the stipulated condition in their website and update the same every six month.	Last compliance report is submitted & uploaded in GSECL site vide UGBPS/ Effi./Env/ MoEF/ R-07/ 0029 dated 06.01.2020
iv	All other conditions contained in Forest and Environment department, Government of Gujarat's letter no. ENV/10/2004/120-P, Dated 03-06-2005 shall remain unchanged.	Compliance of Government of Gujarat's letter no. ENV/10/2004/120-P, Dated.03.06.2005 is enclosed for your information

**300±10% MW Natural Gas / R-LNG Based CCPP Unit-II at Utran: Environmental Clearance issued by DoEF, GoG vide letter No. ENV-10.2004-120-P dtd. 3<sup>rd</sup> June 2005- Compliance to stipulated Conditions-Reg.**

Sr. No.	Conditions laid down in clearance by DoEF	Compliance
<b>A</b>	<b>SPECIFIC CONDITIONS:</b>	
i	All the conditions stipulated by the Gujarat State Pollution Control Board in the NOC issued vide its letter no. PC / NOC / SRT-1478-33540 dtd. 10.11.2004 issued for the project shall be strictly implemented.	Suggestion/ recommendation/ direction is implemented which will stipulated in the NOC issued vide its letter no. PC / NOC / SRT-1478-33540 dtd. 10.11.2004.
ii	Treated industrial effluent from the Effluent Treatment Plant shall be used for green belt development, floor washings and the excess shall be sent to the river Tapi through existing station drain for the disposal as per the conditions laid down by the GPCB in the NOC dtd. 10.11.2004.	For the treatment of effluent, we have provided Treatment Plant and the effluent confirming to the GPCB standard shall be reuse at maximum extend within unit and remaining is discharged into Surat Municipal Corporation underground drainage line as per condition- laid down in NOC & CCA of GPCB.
iii	The gaseous emissions (SO <sub>2</sub> , NO <sub>x</sub> & CO) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time.	The concentrations of the mentioned parameters are measured in the main stack. Emission are within the GPCB Standards.  Results are enclosed as <b><u>Annexure-1.</u></b>
iv	Ambient Air Quality Monitoring Stations shall be set up in the downwind direction as well as where maximum ground level concentration of gaseous pollutants are anticipated in consultation with the Gujarat Pollution Control Board.	Ambient air quality monitoring station is provided in the down wind direction & regularly monitored by GPCB approved schedule- 2 Auditor commissioning of project and will be continued in future also.  Results are enclosed as <b><u>Annexure-1.</u></b>
v	The Hazardous Wastes shall be transferred / disposed off only in a manner as authorized by the GPCB. The project proponent shall obtain authorization from the GPCB under the Hazardous Wastes (Management &	GSECL is a member of GPCB approved TSDF site (M/s. NECL) for disposal of hazardous waste and disposed off under the guidelines of Amended Hazardous waste rules as per the condition given in CCA. Authorization from the GPCB under the Hazardous Wastes (Management &

	Handling) Rules, 2000.	Handling) Rules, 2000 is also taken.
vi	Adequate precaution shall be taken to ensure that the overall noise level in and around the plant area shall be kept well within the prescribed standards, by providing adequate 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 EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<p>Necessary precautions are taken for the control of Noise level form noise generating instruments.</p> <p>Gas and steam turbine are insulated &amp; covered by acoustic hood.</p> <p>Noise level monitored during the audit work and ambient noise level is within norms. The ear muff is issued to employees to prevent from noise.</p> <p>Noise measurement is attached as <b><u>Annexure- 2</u></b></p>
vii	Workers working in the high noise area will be provided with ear protection devices and their use by the workers shall be ensured. Noise barriers at appropriate places shall be constructed.	<p>Ear protection devices –Ear muffs are provided to all employees.</p> <p>Periodic medical test (including audiometric test) of all employees &amp; contactor labors are carried out twice in a year.</p> <p>Gas and steam turbine are insulated &amp; covered by acoustic hood.</p>
viii	Green belt of adequate width and density with suitably selected indigenous species shall be developed around the periphery of the project area to mitigate the effects of fugitive emission all around the project area. Development of the Green Belt shall be as per the guidelines published by the Central Pollution Control Board.	<p>Utran power plant is a natural gas based power plant and there are less chances of any fugitive dust emission.</p> <p>Suitable green belt is developed as per requirement.</p> <p>Green Belt is developed as per the guidelines published by the Central Pollution Control Board.</p>
ix	Massive afforestation programme shall be taken up in the neighborhood of the project over a period of time.	It will be taken up if land for afforestation program is available in neighborhood of the project area.
x	Comprehensive EIA Report shall be prepared and submitted within one year to the GPCB as well as to this Department. All the suggestions / recommendations for the purpose of environmental protection to be	<p>Comprehensive EIA report has already been prepared &amp; submitted along with the application for obtaining EC from DOEF &amp; NOC from GPCB.</p> <p>Suggestion / recommendation mention in EIA</p>

	mentioned in the comprehensive EIA shall have to be implemented.	report is implemented.
xi	A separate Environmental Cell with suitably qualified persons shall be set up for implementation of the stipulated environmental safeguards.	In UGBPS Environment Cell is working under the control of Supdt. Engineer (M) with one Executive Engineer-Efficiency, Deputy Engineer-Efficiency Chief chemist, one I/c. Executive Engineer-civil and one Environment engineer on deputation basis.
xii	All the commitments with respect to various suggestions / recommendations made during the Environmental Public Hearing especially with those related to socio-economic upliftment activities must be complied with.	All the commitments with respect to various suggestions / recommendations made during the Environmental Public Hearing are complied.
xiii	Necessary amenities including sanitation and fuel shall be provided to the labours during construction period.	Necessary amenities including sanitation and fuel was provided to the labors during construction period.
xiv	The unit shall obtain the ISO-14001 Certificate at the earliest, preferably within the next two years.	GSECL: UGBPS has obtained ISO 9001 and 14001 certificate. Attached as <b><u>Annexure 3</u></b>
xv	Local population shall have to be given priority for employment as per the prevailing State Government Rules.	Implemented as per uniform policy framed under prevailing Government Rules.
xvi	The Unit shall prepare On-site & Off-site emergency plans / Disaster Management Plan as per the extant rules in this regard.	Disaster management plan is prepared as per guide lines of CEA.

xvi	The project proponent shall inform the public that the project has been accorded environmental clearance by the State Government in Forests & Environment Department and copies of letter are available with the Gujarat Pollution Control Board and may also be seen at website of the Department at <a href="http://gujenvfor.gswan.gov.in">http://gujenvfor.gswan.gov.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers, one Gujarati and one English, that are widely circulated in the region and a copy of the same shall be forwarded to this Department as well as to the GPCB.	Public notice were published in Sandesh 16/6/05, Baroda & Surat edition. And Times of India, 17/6/05, Ahmedabad edition.
<b>B. GENERAL CONDITIONS</b>		
i	The project authorities shall strictly adhere to the stipulations made by the GPCB from time to time.	UGBPS will strictly adhere to the stipulations conditions which made by the GPCB from time to time.
ii	At no time, the discharge / emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system/s adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the specified standards.	Discharge / emission levels are maintained well below the stipulated standards.  Event of failure any pollution control system will rectify immediately & unit will not restart until the control measures are rectified to achieve the specified standards.
iii	Regular Monitoring of the waste water, stack emission, ambient air, noise and hazardous wastes shall be carried out. Periodical monitoring of ground water around the project site and around disposal point shall also be carried out. The sampling points, parameters and frequency of sampling shall be decided in consultation with the GPCB. The reports of the monitoring as above shall be submitted to the GPCB.	Monthly monitoring of waste water, stack emission, ambient air is carried out regularly same is submitted to GPCB (Annexure:.1)  Noise monitoring record is also maintained. <b><u>(Annexure:.2)</u></b>
iv	You shall provide financial support for strengthening of the Green Corps Scheme being implemented in Gujarat	Suitable advice is asked from M/s. GEER foundation vide letter no. UGBPS/ Effi/28/

	State by the GEER Foundation in consultation with this Department.	4663 dated 22/8/07 in the matter.
v	The unit shall develop rainwater-harvesting structures to harvest the run-off water for recharge of ground water, in consultation with the experts. The rainwater harvested shall be monitored and report thereof shall be submitted to this Department.	UGBPS has planned for providing rain water-harvesting structures to harvest the run-off water for recharge of ground water, in consultation with the experts.  Detailed report will submit after commissioning.
vi	The project proponent shall comply with all the environmental protection measures, safeguards and suggestions as recommended in the EIA, EMP and Risk Assessment reports as well as those given by the Forests & Environment Department, Government of Gujarat from time to time.	Suggestions / recommendation mentioned in the EIA, EMP and Risk Assessment reports are implemented.
vii	The project proponent shall constitute a Monitoring Committee for reviewing the compliance to various environmental safeguards measures by involving GPCB Institutions, Experts in the field, Forests & Environment Department, etc.	The matter has been referred to G.P.C.B. to constitute monitoring committee vide our letter no. UGBPS/Effi/28/4723 dated 24/8/07.
viii	The project authorities shall provide for adequate separate funds, both recurring and non-recurring, along with item-wise breakup to implement the conditions stipulated by the Forests and Environment Department as well as the GPCB. The funds so provided shall not be diverted for any other purpose.	Separate funds are allocated for implementation of environmental protection measures. The funds earmarked for the Environmental protection measures are never diverted for any other purpose. Details of Recurring Expenditure on Environmental Management (In Rupees) Last three year report is as per attached <b><u>Annexure -.4</u></b>
ix	The project authorities shall take up socio-economic activities in the region in consultation with the District Collector / District Development Officer. A separate fund in this regard shall be earmarked every year.	Suitable advice is asked from Collector vide letter no. UGBPS/Effi/28/5700 dated 20/10/07 in the matter.
x	The implementation of the project vis-à-vis environmental action plans shall be monitored by the GPCB regularly.	Full cooperation shall be extended during the inspection of GPCB.
xi	Necessary permissions shall be taken	Necessary permission from various

	from all the concerned authorities.	authorities is taken for the project.
xii	Programmes for the improvement of skills of the villagers of the neighboring villages shall be taken up.	<p>The surrounding site area is situated under municipality.</p> <p>A Primary School up to seventh standard is available in the colony which increased education facilities for the children of the neighboring area.</p> <p>Post office facility available in colony area which also available to local residing in nearby areas.</p> <p>Recreational facilities including temple, garden &amp; Children Park are provided.</p>
xiii	A half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Department.	Last compliance report is submitted & uploaded in GSECL site vide UGBPS/ Effi./Env/ MoEF/ R-07/ 2732 dated 30.10.18
xiv	The project authorities shall contribute financially for any common study or facility for the purpose of environmental protection and improvement that may be proposed by this Department for this region.	Financially contribution will be given if asked for any common study or facility for the purpose of environmental protection and improvement which will propose by your deartment.
xv	The project authorities shall bear the cost of the supervision / monitoring by the external agency that may be appointed by this Department to oversee / monitor the activities during construction / operation phases.	<p>Complied during construction phases.</p> <p>Full cooperation shall be extended for bearing the cost of supervision / monitoring by the external agency which will appointed by your department during operation phase.</p>
xvi	Any other conditions that may be stipulated from time to time by the D.O. F.& E. Department.	Suggestion/recommendation/direction will implement which will stipulate from time to time by your department.



# ANNEXURE -1

## EFFLUENT MONITORING (PERIOD: OCT-19 TO MARCH-20)

### (MONITORING CARRIED OUT BY NABL & GPCB SCHEDULE-2 AUDITOR

### M/s. GO GREEN MECHANISM -AHMEDABAD)

Stream Identity	Parameters	Units	Standards (Specified Norms)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MARCH-20	AVG.
Final outlet to Surat Municipal drainage Line	pH		6.5-8.5	RSD	7.29	7.41	RSD	7.21	RSD	7.34
	Suspended solids	mg/l	100	RSD	25	32	RSD	29	RSD	28.66
	oil & grease	mg/l	10	RSD	8.0	BDL	RSD	BDL	RSD	BDL
	TDS	mg/l	2100	RSD	1594	1610	RSD	1320	RSD	1549.71
	Phenolic compounds	mg/l	1	RSD	BDL	BDL	RSD	BDL	RSD	BDL
	sulphides	mg/l	2	RSD	BDL	BDL	RSD	BDL	RSD	BDL
	Total chromium	mg/l	2	RSD	BDL	BDL	RSD	BDL	RSD	BDL
	Hexavalent chromium	mg/l	0.1	RSD	BDL	BDL	RSD	BDL	RSD	BDL
	BOD	mg/l	30	RSD	8.6	10	RSD	12.00	RSD	10.12
	COD	mg/l	100	RSD	30	33	RSD	40.00	RSD	34.33
	Chlorides	mg/l	600	RSD	13.2	14.5	RSD	16.50	RSD	14.73
Sulphates	mg/l	1000	RSD	492.7	496.3	RSD	466.90	RSD	485.3	

\*RSD: RESERVE SHUT DOWN

**STACK MONITORING (PERIOD: OCT-19 TO MARCH-20)**

**(MONITORING CARRIED OUT BY NABL & GPCB SCHEDULE-2 AUDITOR**

**M/s. GO GREEN MECHANISM -AHMEDABAD)**

Location	parameters	Units	Standards (Specified Norms)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MARCH-20	AVG.
CCPP-II	PM	mg /Nm <sup>3</sup>	150	RSD	9.4	7.3	RSD	6.3	RSD	7.66
	SO <sub>2</sub>	ppm	100	RSD	BDL	BDL	RSD	BDL	RSD	BDL
	NOx	ppm	50	RSD	15.7	17.2	RSD	17.2	RSD	16.7

\*RSD: RESERVE SHUT DOWN

**AMBIENT AIR MONITORING (PERIOD: OCT-19 TO MARCH-20)**

**(MONITORING CARRIED OUT BY NABL & GPCB SCHEDULE-2 AUDITOR**

**M/s. GO GREEN MECHANISM -AHMEDABAD)**

Location	Parameters	Units	Standard	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MARCH-20	AVG.
Location-1 (Raw Water Pump House)	PM <sub>10</sub>	microgram / m <sup>3</sup>	100	68.7	70.1	75.5	70.9	61.2	63.8	68.36
	PM <sub>2.5</sub>	microgram / m <sup>3</sup>	60	25.1	32.7	37.9	41.2	33.7	25.4	32.66
	SO <sub>x</sub>	microgram / m <sup>3</sup>	80	16.7	13.9	11.8	13.5	11.4	14.6	13.65
	NO <sub>x</sub>	microgram / m <sup>3</sup>	80	11.2	12.4	9.7	21.2	17.9	19.9	15.38
Location-2 (VIP Guest House)	PM <sub>10</sub>	microgram / m <sup>3</sup>	100	69.1	77.7	73.4	66.5	69.8	72.8	71.55
	PM <sub>2.5</sub>	microgram / m <sup>3</sup>	60	28	36.5	32.9	35.4	39.2	30.4	33.73
	SO <sub>x</sub>	microgram / m <sup>3</sup>	80	12.5	14.9	11.7	13.5	16.9	18.8	14.71
	NO <sub>x</sub>	microgram / m <sup>3</sup>	80	13.7	16.3	13.3	24.1	29.9	24.3	20.26
Location-3 (Engr Hostel -Colony)	PM <sub>10</sub>	microgram / m <sup>3</sup>	100	73.6	74.2	78.5	89.2	83.6	77.5	79.43
	PM <sub>2.5</sub>	microgram / m <sup>3</sup>	60	28	29.7	33.3	49.9	40.8	34.2	35.98
	SO <sub>x</sub>	microgram / m <sup>3</sup>	80	17.4	19.4	16.6	14.9	12.2	10.7	15.20
	NO <sub>x</sub>	microgram / m <sup>3</sup>	80	16.3	15.5	11.7	33.7	27.3	22.8	21.21
Location-4 (CCPP-II-Admin office)	PM <sub>10</sub>	microgram / m <sup>3</sup>	100	69.8	66.9	70.2	74.3	63.6	66.2	68.55
	PM <sub>2.5</sub>	microgram / m <sup>3</sup>	60	26.3	25.1	27.9	29.6	24.2	28.3	26.90
	SO <sub>x</sub>	microgram / m <sup>3</sup>	80	12.1	11.3	13.6	15.6	13.3	9.5	12.56
	NO <sub>x</sub>	microgram / m <sup>3</sup>	80	17.2	10.7	11	32.6	29.6	15.8	19.48

# ANNEXURE -2 : NOISE MONITORING

(MONITORING CARRIED OUT BY GPCB SCHEDULE-1 AUDITOR

M/s.S.N.Patel Institute of Technology - UMRAKH)

Sr. No.	Location	Time	Noise Level in dBA	Noise Level in dBA	Noise Level in dBA
			02-07-2019	17-10-2019	27-02-2020
1	CW Pump House	During Day Time : 06 am to 10 PM	70	72	73
2	CW Pump House (Operator Cabin)		64	67	69
3	Raw Water Pump House		74	74	76
4	D.M. Plant		65	68	68
5	Near GT Transformer		6	67	69

# Annexure: 03

			
<b>Certificate of Compliance</b> <b>INTEGRATED QUALITY CERTIFICATION PVT. LTD.</b> hereby certifies that the environmental management systems of <b><i>Gujarat State Electricity Corporation Limited</i></b> <b><i>Utran Gas Based Power Station</i></b>  Utran Gas Based Power Station, Utran - 394 105, Dist. Surat, Gujarat, INDIA.  has been assessed and conforms to the environmental management systems <b>ISO 14001:2015</b>			
<b>Scope: Generation and supply of electric power through gas based power station.</b>			
Subdivision	: 26	Initial issue date	: 04.10.2011
Class	: 2611	Last expiry date	: 21.09.2017
Program(s) not applicable	: None	Current issue date	: 22.09.2017
Certificate number	: IND/TMS-QE/JAS-C0017/TC/0246	Current expiry date	: 21.09.2020
Attachment(s)	: None	1st Surveillance due	: 21.09.2018
2nd Surveillance due	: 21.09.2019		
 H. Narasimhatah Director			
<p>This certificate is valid subject to periodic surveillance audits of the environmental management systems within the above defined scope as per the agreed contract terms and conditions. The organisation shall provide written notification to Integrated Quality Certification Pvt. Ltd. of any significant changes which have impact on the scope of this certificate of compliance.</p>			
<small>Corporate Office: Platinum City, G/13/03, Site # 02, Next to OMB, HMT Road, Veshwanthpur Post, Bargalera - 360 022, INDIA. Tel: +91(80) 41172532, 41277353 Fax: +91(80) 41280347, Email: iqccorporate@iqcglobal.com Website: www.iqcglobal.com, CIN: U79145KA2012PTC028821.</small>			
<small>Please visit <a href="http://www.iqcglobal.com">www.iqcglobal.com</a> and / or <a href="http://www.jas-anz.org">www.jas-anz.org</a> to verify the authenticity and validity of this certificate of compliance.</small>			



**Certificate of Compliance**  
**INTEGRATED QUALITY CERTIFICATION PVT. LTD.**

hereby certifies that the quality management systems of

***Gujarat State Electricity Corporation Limited***  
***Utran Gas Based Power Station***

Utran Gas Based Power Station,  
 Utran - 394 105, Dist. Surat, Gujarat, INDIA.

has been assessed and conforms to the  
 quality management systems  
**ISO 9001:2015**



**Scope:** Generation and supply of electric power through gas based power station.

EA/NACE	: 25 -40.11	Initial issue date	: 04.10.2011
Process(es) not applicable	: 83	Last expiry date	: 21.09.2017
Certificate number	: IND/IMS-QE/NAB-CD017/TC/2683	Current issue date	: 22.09.2017
Attachment(s)	: None	Current expiry date	: 21.09.2020
2nd Surveillance due	: 21.09.2019	1st Surveillance due	: 21.09.2018



P. Narasimhaiah  
 Director

This certificate is valid subject to periodic surveillance audits of the quality management systems within the above defined scope as per the agreed contract terms and conditions. The organisation shall provide written notification to Integrated Quality Certification Pvt. Ltd. of any significant changes which have impact on the scope of this certificate of compliance.

Corporate Office : Platinum City, C/13/03, Site # 02, Next to CMTI, HMT Road, Yeshwanthpur Post,  
 Bangalore - 560 022, INDIA. Tel : +91(80) 41272752, 41277353 Fax: +91(80) 41260342,  
 Email : iqccorporate@iqcglobal.com Website : www.iqcglobal.com,  
 CIN : U74140KA2003PTC032851.

Please visit [www.iqcglobal.com](http://www.iqcglobal.com) and / or [www.iso-9001.org](http://www.iso-9001.org)  
 to verify the authenticity and validity of this certificate of compliance.

# ANNEXURE -4

DETAILS OF RECURRING EXPENDITURE ON ENVIRONMENTAL MANAGEMENT (IN RUPEES)			
For the year 2015-16 (April 2015 - March 2016)			
Sr.	Expenses on	Total	Remarks, if any
No.		Amount Rs.	
1	Salaries & Wages of staff of Env.Cell	1743200.00	
2	Payment to Contractors for monthly monitoring	82900.00	
3	Fees to Environment Auditors.	186934.00	
4	Consent / Audit / Other Fees to GPCB	10000.00	
5	Payment to GPCB for sampling and analysis	NIL	
6	Payment of Water Cess to GPCB	62167.00	
7	Participation in Environment related Seminars / Conferences / Training programmes/ World Environment Day	11000.00	
8	Waste Oil, Resin and Battery management	NIL	
9	Bio-medical wastes management	54480.00	
10	Gardening and Plantation	2839194.39	
11	Misc. Civil Works for Environment	NIL	
12	Maintenance of On-line Monitors	NIL	
13	Maintenance of Neutralizing Pits / Cost of chemicals used	10408	
<b>TOTAL IN RS.</b>		<b>5000283.39</b>	<b>Fifty Lac two hundred eighty three only</b>

**FOR THE YEAR 2016-17 (APRIL 2016 - MARCH 2017)**

<b>Sr. No.</b>	<b>Expenses on</b>	<b>Total Amount Rs.</b>	<b>Remarks, if any</b>
1	Salaries & Wages of staff of Env.Cell	1760000.00	
2	Payment to Contractors for monthly monitoring	86754.00	
3	Fees to Environment Auditors.	188266.00	
4	Consent / Audit / Other Fees to GPCB	10000.00	
5	Payment to GPCB for sampling and analysis	NIL	
6	Payment of Water Cess to GPCB	15243.00	
7	Participation in Environment related Seminars / Conferences / Training programmes/ World Environment Day	14000.00	
8	Waste Oil, Resin and Battery management	72000.00	
9	Bio-medical wastes management	81720.00	
10	Gardening and Plantation	1577716.00	
11	Misc. Civil Works for Environment	NIL	
12	Maintenance of On-line Monitors	2294726	Repairing & commissioning of CEMS for Sox, Nox Measurement through M/s FMPL (PO amount= Rs. 5,99,213) Supply, Installation & commissioning of ETP O/L parameter i.e ph,flow,TSS,Temp through M/s FMPL (PO amount= Rs. 1043250) Supply, Installation & commissioning of real time data of stack emission parameters to GPCB/CPCB website through M/s Logic Ladder (PO amount= Rs. 6,52,263)
13	Maintenance of Neutralizing Pits / Cost of chemicals used	4117	
<b>TOTAL IN RS.</b>		<b>6104542</b>	<b>Sixty One Lac four thousand five hundred fourty two only</b>



**FOR THE YEAR 2017-18 (APRIL 2017 - MARCH 2018)**

<b>Sr. No.</b>	<b>Expenses on</b>	<b>Total Amount Rs.</b>	<b>Remarks, if any</b>
1	Salaries & Wages of staff of Env.Cell	2615010	
2	Payment to Contractors for monthly monitoring	71821.00	
3	Fees to Environment Auditors.	177039.00	
4	Consent / Audit / Other Fees to GPCB	10000.00	
5	Payment to GPCB for sampling and analysis	0.00	
6	Payment of Water Cess to GPCB	0.00	
7	Participation in Environment related Seminars / Conferences / Training programmes/ World Environment Day	1100	
8	Waste Oil, Resin and Battery management	73600.00	Disposal of resin
9	Bio-medical wastes management	111384.00	
10	Gardening and Plantation	1388080.55	Development and maintenance of Garden in colony & plant
11	Misc. Civil Works for Environment	5326.01	Gardening and plantation, drainage cost of plant, SMC Cost
12	Maintenance of On-line Monitors	0.00	
13	Maintenance of Neutralizing Pits / Cost of chemicals used	5608	Cost of chemical
<b>TOTAL IN RS.</b>		<b>4458969</b>	

**For the year 2018-19 (April 2018 - March 2019)**

<b>Sr. No.</b>	<b>Expenses on</b>	<b>Total Amount Rs.</b>	<b>Remarks, if any</b>
1	Salaries & Wages of staff of Env.Cell	4348950.00	
2	Payment to Contractors for monthly monitoring	85774.00	
3	Fees to Environment Auditors.	178621.00	
4	Consent / Audit / Other Fees to GPCB	10000.00	
5	Payment to GPCB for sampling and analysis	0.00	
6	Payment of Water Cess to GPCB	0.00	
7	Participation in Environment related Seminars / Conferences / Training programmes/ World Environment Day	7724.00	
8	Waste Oil, Resin and Battery management	44486.00	Disposal of resin
9	Bio-medical wastes management	101388.00	
10	Gardening and Plantation	1683762.00	Development and maintenance of Garden in colony & plant
11	Misc. Civil Works for Environment	0.00	
12	Maintenance of On-line Monitors	0.00	
13	Maintenance of Neutralizing Pits / Cost of chemicals used	46155.00	Cost of chemical
<b>TOTAL IN RS.</b>		<b>6506860.00</b>	

**For the year 2019-20 (April 2019 - March 2020)**

<b>Sr. No.</b>	<b>Expenses on</b>	<b>Total Amount Rs.</b>	<b>Remarks, if any</b>
1	Salaries & Wages of staff of Env.Cell	4401500.00	
2	Payment to Contractors for monthly monitoring	121018.40	
3	Fees to Environment Auditors.	201698.00	
4	Consent / Audit / Other Fees to GPCB	10000.00	
5	Payment to GPCB for sampling and analysis	0.00	
6	Payment of Water Cess to GPCB	0.00	
7	Participation in Environment related Seminars / Conferences / Training programmes/ World Environment Day	7724.00	
8	Waste Oil, Resin and Battery management	0.00	Disposal of resin
9	Bio-medical wastes management	102816.00	
10	Gardening and Plantation	1483003.80	Development and maintenance of Garden in colony & plant
11	Misc. Civil Works for Environment	0.00	
12	Maintenance of On-line Monitors	80384.81	
13	Maintenance of Neutralizing Pits / Cost of chemicals used	26737.00	Cost of chemical
<b>TOTAL IN RS.</b>		<b>6434882.01</b>	