

**REPORT OF ENVIRONMENTAL CLEARANCE**  
**FOR THE PERIOD OF OCTOBER-2013 TO MARCH-2014**

**Name of The Company:** M/s. Topcem India

**Project :** Cement Grinding Unit (OPC/PPC, 0.66 MTPA) at P.O. Gauripur, District Kamrup Rural, Assam

**Environmental Clearance Letter:** No. J-11011/608/2009-IA II (I), Dated July 22, 2010.

**A. Specific conditions: -**

S.N.	CONDITIONS	REMARKS
i.	Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. Particulate emissions shall be controlled within 50 mg/NM <sup>3</sup> by installing adequate air pollution control system viz. Bag filters and stacks of adequate height etc. Data on ambient air Quality, fugitive and stack emissions shall be submitted to the Ministry's Regional Office at Shillong, Assam State Pollution Control Board (ASPCB) and CPCB regularly.	<ul style="list-style-type: none"><li>- Reverse pulse jet type Bag filter to tunnel ventilation, mill &amp; classifier venting, Silo, Cement packing, etc. as pollution control equipment is provided.</li><li>- Particulate emissions are within 50 mg/NM<sup>3</sup>.</li><li>- We have obtained Consent to Operate (CTO) from the board under, Air Act-1981 vide APCB letter no.: WB/GUW/T-1241/Pt-I/12-13/29/1319 dated 20/3/13.</li><li>- Monitored data of ambient air, fugitive and stack emission is submitted regularly. Monitoring report is enclosed as <b>Annexure-I</b>.</li></ul>
ii.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No.: 826(E), dated: 16 <sup>th</sup> November, 2009 should be followed.	We are following the National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No.: 826(E), dated: 16 <sup>th</sup> November, 2009 and accordingly monitoring is carried out.
iii.	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB should be followed	We are controlling fugitive emission from all the sources within the latest permissible limits issued by the MoEF guidelines using Bag filters & water spraying and also regularly monitored. Refer <b>Annexure-I</b> .

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S.N.	CONDITIONS	REMARKS
iv.	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, raw mill handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas etc. All the raw material stock piles should be covered. A closed clinker stockpile system shall be provided. All conveyers should be covered with GI sheets. Covered sheds for storage of raw materials and fully covered conveyers for transportation of materials should be provided besides coal, cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling.	<ul style="list-style-type: none"> <li>- We have provided the reverse pulse jet type Bag Filter system to control the fugitive emissions.</li> <li>- Covered storage is provided for fly ash and gypsum. For Clinker RCC stock pile is provided.</li> </ul>
v	Asphalting/concreting of roads and water spray all around the stock-yard and loading/unloading areas in the cement plant shall be carried out to control fugitive emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM and RSPM such as haul road, loading and unloading points, transfer points and other vulnerable areas. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	<ul style="list-style-type: none"> <li>- Concreting of road under process, we ensure that we spray water regularly around loading/unloading areas and internal road in the cement grinding unit.</li> <li>- We are regularly measuring Ambient air quality, Monitoring reports are enclosed as <b>Annexure-I</b>.</li> </ul>
vi.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored.	We are following the guidelines for transportation of Raw materials and the products.
vii.	Total water requirement for cement plant from bore wells shall not exceed 50 m <sup>3</sup> /day. All the treated wastewater shall be recycled and reused in the process and/ or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and zero discharge shall be adopted.	<ul style="list-style-type: none"> <li>- Total water requirement does not exceed 50m<sup>3</sup>/day.</li> <li>- Being a Zero Discharge unit no waste water is generated.</li> </ul>
viii.	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	Rain water harvesting is under process.
ix.	All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and	Dust from the pollution control devices is recycled and reused in the cement manufacturing

S.N.	CONDITIONS	REMARKS
	reused in the process used for cement manufacturing. Spent oil and batteries should be sold to authorized recyclers / reproprocessors only.	process.
x.	Green belt shall be developed in an area of 6.6 ha. In and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.	We are developing the green belt as per the guidelines of CPCB to mitigate the effect of fugitive emissions in consultation with DFO.
xi.	All the recommendations made in the Chapter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.	Corporate Responsibility for Environment Protection (CREP) for cement plant is being implemented. Photographs of activities are enclosed as <b>Annexure-II</b> .
xii.	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Shillong, ASPCB and CPCB within 3 months of issue of Environment Clearance letter.	Risk and Disaster Management Plan and mitigation measure is prepared and already submitted to Ministry's Regional Office at Shillong, ASPCB and CPCB.
xiii.	At least 5% of the total cost of the project should be earmarked towards the corporate social responsibility and item - wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Shillong. Implementation of such program should be ensured accordingly in a time bound manner.	Item-wise details along with time bound action plan is prepared and already submitted to the Regional Office of the MOEF at Shillong.
xiv.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, 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.	Complied with.

#### B. General Conditions:

S. N.	CONDITIONS	STATUS
i.	The project authorities must strictly adhere to the stipulations made by the Assam State Pollution Control Board and the State Government	Agreed with.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Prior approval of the Ministry of Environment and Forests will be taken for further expansion or modifications in the plant,

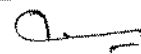
S. N.	CONDITIONS	STATUS
		if any.
iii.	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19 <sup>th</sup> May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Agreed with. Monitoring report is enclosed as <b>Annexure-I.</b>
iv.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM <sub>10</sub> , SO <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Shillong and the SPCB/CPCB once in six months.	<ul style="list-style-type: none"> <li>- Four ambient air quality monitoring stations installed.</li> <li>- We are regularly measuring ambient air quality.</li> <li>- Monitoring report is enclosed as <b>Annexure-I.</b></li> </ul>
v.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Being a zero discharge unit no Industrial waste water is generated. Only domestic effluent is generated, which is disposed through Septic Tank/Soak pit system.
vi.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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 EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	We have undertaken all the measures and ensure that noise levels remain within the limit. Noise monitoring reports are enclosed as <b>Annexure-I.</b>
vii.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers is carried out on regular basis and records are maintained as per the Factories Act.
viii.	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Under construction.
ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	We are complying the protection measures and safeguards recommended in the EIA/EMP report and community development programmes are initiated in the area.
x.	Requisite amount of funds shall be earmarked for	Complied with.

S. N.	CONDITIONS	STATUS
	the environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Shillong. The funds so provided shall not be diverted for any other purpose.	
xi.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	<p>- No such suggestions/representations from concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO were received while processing the proposal.</p> <p>- The clearance letter is uploaded on our company website i.e <a href="http://www.topcem.in">www.topcem.in</a></p>
xii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Shillong. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	<p>-Status of the compliance of the stipulated environment clearance condition including monitoring data are uploaded in our website i.e. <a href="http://www.topcem.in">www.topcem.in</a> and also sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPC.</p> <p>-The monitored data has been displayed near the main gate of the factory.</p>
xiii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Shillong/ CPCB / SPCB shall monitor the stipulated conditions.	We are regularly submitting six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data.
xiv.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Shillong by e-mail.	The environmental statement for the financial year 2013-14 is enclosed as <b>Annexure-III</b> .

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S. N.	CONDITIONS	STATUS
xv.	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 and may also be seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> 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 should be forwarded to the Regional office at Shillong.	Complied with.
xvi.	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 commencing the land development work.	Complied with.
8.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed with.
9.	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed with.
10.	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under section 11 of the National Environment Appellate Act-1997.	Agreed with.
11.	The above condition shall be enforced, inter alia under the provisions of the Water Act-1974, Air Act-1981 and Hazardous Waste (M&H) and Transboundary movement Rules-2008 and the Public (Insurance) Liability Act-1991 along with their amendments and Rules.	Agreed with.

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Authorized Signatory

# **ANNEXURE- I**

# **MONITORING**

# **REPORTS**



Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : [envisionghy@gmail.com](mailto:envisionghy@gmail.com)  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date: 31/10/2013

Rep.No. 131031\_13010010\_06A\_126

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. Towards North-West Direction
2. Towards North-East Direction
3. Packing Plant
4. Cement Mill

Date of Sample Collection: 26.10.2013

Sample Collected By: M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	12:45 p.m. to 01:55 p.m.	dB(A)in Leq.	58.9	60.1	67.2	68.5

Opinion : All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati



(Quality Control Manager)

End of Report

LAB/FM/08



Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : envisionghy@gmail.com  
RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date: 31/10/2013

Rep.No. 131031\_12040009\_06A\_127

**Name & Address:**

TOPCEM INDIA

Gauripur, North Guwahati.  
Dist: Kamrup Rural,  
Assam.

**Name of location:**

1. DG SET(1) 1500 KVA
2. DG SET(2) 1500 KVA
3. DG SET(3) 1500 KVA
4. DG SET(4) 1500 KVA

Date of Sample Collection: 26.10.2013

Sample Collected By: M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	11:05 a.m. to 12:35 p.m.	dB(A)in Leq.	71.7	69.2	68.1	70.0

**Opinion :** All Parameters are within permissible limit

EN-VISION ENVIRO ENGINEERS PVT. LTD., GUWAHATI

(Quality Control Manager)

LAB/FM/08

End Of Report

**Branch Office :** House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
**Mob No.** 8811096201, **e-mail :** envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

Date:	31/10/2013
Rep.No.	131031_12040009_02_125

**Stack Description:**

Stack attached to Cement Mill

**Date of Sampling:** 26/10/2013

**Date of Analysis:** 28/10/2013

**Sample Collected By:** M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	144
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.36
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	50	35.7

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

**En-Vision Enviro Engineers Pvt. Ltd., Guwahati**

  
(Quality Control Manager)

LAB/FM/04

**End of Report**

Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

Date: 31/10/2013

Rep.No. 131031\_12040009\_02\_124

**Stack Description:**

Stack attached to 1) DG -1 1500 KVA  
2) DG -2 1500 KVA  
3) DG -3 1500 KVA  
4) DG -4 1500 KVA

Date of Sampling: 26/10/2013

Date of Analysis: 28/10/2013

Sample Collected By: M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS			
			1	2	3	4
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	142	150	148	162
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.35	4.39	4.38	4.45
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	75	50.1	56.5	54.2	58.0
S <sub>4</sub>	NO <sub>x</sub> (ppmV)	710	493	527	513	548

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati



(Quality Control Manager)

LAB/FM/04

End of Report



Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No 8811096201, e-mail : envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date:	25/11/2013
Rep.No	131125_13010010_06A_128

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. Towards North-West Direction
2. Towards North-East Direction
3. Packing Plant
4. Cement Mill

**Date of Sample Collection:** 22.11.2013

**Sample Collected By:** M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	01:30 p.m. to 02:45 p.m.	dB(A) in Leq.	59.4	61.8	66.5	69.2

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati



(Quality Control Manager)

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End of Report

Page 1 of 1

Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : [envisionghy@gmail.com](mailto:envisionghy@gmail.com)  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date: 25/11/2013

Rep.No. 131125\_12040009\_06A\_129

**Name & Address:**

TOPCEM INDIA

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. DG SET(1) 1500 KVA
2. DG SET(2) 1500 KVA
3. DG SET(3) 1500 KVA
4. DG SET(4) 1500 KVA

Date of Sample Collection: 22.11.2013

Sample Collected By: M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	12:35 p.m. to 01:25 p.m.	dB(A)in Leq.	72.6	68.9	67.4	71.8

**Opinion :** All Parameters are within permissible limit

EN-VISION ENVIRO ENGINEERS PVT. LTD., GUWAHATI

(Quality Control Manager)

LAB/FM/08

End Of Report

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**Mob No. 8811096201, e-mail : envisionghy@gmail.com**  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

Date:	25/11/2013
Rep.No.	131125_12040009_02_130

**Stack Description:**

Stack attached to 1) DG -1 1500 KVA  
2) DG -2 1500 KVA  
3) DG -3 1500 KVA  
4) DG -4 1500 KVA

**Date of Sampling:** 22/11/2013

**Date of Analysis:** 23/11/2013

**Sample Collected By:** M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS			
			1	2	3	4
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	144	155	151	164
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.36	4.42	4.40	4.46
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	75	52.9	57.4	55.8	58.7
S <sub>4</sub>	NO <sub>x</sub> (ppmV)	710	497	531	519	552

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

**En-Vision Enviro Engineers Pvt. Ltd., Guwahati**



**(Quality Control Manager)**

LAB/FM/04

**End of Report**



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**Mob No.** 8811096201, **e-mail :** envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

TOPCEM INDIA

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Date:** 25/11/2013

**Rep.No.** 131125\_12040009\_02\_131

**Stack Description:**

Stack attached to Cement Mill

**Date of Sampling:** 22/11/2013

**Date of Analysis:** 23/11/2013

**Sample Collected By:** M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	146
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.37
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	50	36.2

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati

  
(Quality Control Manager)

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End of Report



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**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date:	26/12/2013
Rep.No.	131226_13010010_06A_132

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. Towards North-West Direction
2. Towards North-East Direction
3. Packing Plant
4. Cement Mill

**Date of Sample Collection:** 21.12.2013

**Sample Collected By:** M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	02:15 p.m. to 03:30 p.m.	dB(A)in Leq.	58.3	59.8	67.0	68.1

**Opinion :** All Parameters are within permissible limit

**En-Vision Enviro Engineers Pvt. Ltd., Guwahati**



**(Quality Control Manager)**

LAB/FM/08

**End of Report**

**Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024**  
**Mob No. 8811096201, e-mail : envisionghy@gmail.com**  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date: 26/12/2013

Rep.No. 131226\_12040009\_06A\_133

**Name & Address:**

TOPCEM INDIA

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. DG SET(1) 1500 KVA
2. DG SET(2) 1500 KVA
3. DG SET(3) 1500 KVA
4. DG SET(4) 1500 KVA

Date of Sample Collection: 21.12.2013

Sample Collected By: M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	01:00 p.m. to 02:15 p.m.	dB(A) in Leq.	72.0	69.1	67.7	70.5

**Opinion :** All Parameters are within permissible limit

EN-VISION ENVIRO ENGINEERS PVT. LTD., GUWAHATI

(Quality Control Manager)

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**Mob No. 8811096201, e-mail : envisionghy@gmail.com**  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

Date: 26/12/2013

Rep.No. 131226\_12040009\_02\_134

**Stack Description:**

Stack attached to 1) DG -1 1500 KVA  
2) DG -2 1500 KVA  
3) DG -3 1500 KVA  
4) DG -4 1500 KVA

Date of Sampling: 21/12/2013

Date of Analysis: 23/12/2013

Sample Collected By: M/s. EEPL

CODE	PARAMETERS	LIMITS	RESULTS			
			1	2	3	4
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	146	153	150	161
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.37	4.41	4.39	4.45
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	75	53.0	56.8	55.2	57.4
S <sub>4</sub>	NO <sub>x</sub> (ppmV)	710	501	527	515	540

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati



(Quality Control Manager)

LAB/FM/04

End of Report



**Branch Office :** House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
**Mob No.** 8811096201, **e-mail :** envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

TOPCEM INDIA

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

Date:	26/12/2013
Rep.No.	131226_12040009_02_135

**Stack Description:**

Stack attached to Cement Mill

**Date of Sampling:** 21/12/2013

**Date of Analysis:** 23/12/2013

**Sample Collected By:** M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	143
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.35
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	50	35.9

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati

  
(Quality Control Manager)

LAB/FM/04

End of Report

Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : [envisionghy@gmail.com](mailto:envisionghy@gmail.com)  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date:	23/01/2014
Rep.No.	140123_13010010_06A_136

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. Towards North-West Direction
2. Towards North-East Direction
3. Packing Plant
4. Cement Mill

**Date of Sample Collection:** 20.01.2014

**Sample Collected By:** M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	12:35 p.m. to 01:40 p.m.	dB(A) in Leq.	59.0	60.7	67.5	68.9

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati



(Quality Control Manager)

LAB/FM/08

End of Report

**Branch Office :** House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
**Mob No.** 8811096201, **e-mail :** envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

**Date:** 23/01/2014

**Rep.No.** 140123\_12040009\_06A\_137

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. DG SET(1) 1500 KVA
2. DG SET(2) 1500 KVA
3. DG SET(3) 1500 KVA
4. DG SET(4) 1500 KVA

**Date of Sample Collection:** 20.01.2014

**Sample Collected By:** M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	01:15 p.m. to 02:35 p.m.	dB(A)in Leq.	72.9	71.5	70.3	72.1

**Opinion :** All Parameters are within permissible limit.

**EN-VISION ENVIRO ENGINEERS PVT. LTD., GUWAHATI**

(Quality Control Manager)

LAB/FM/08

End Of Report



**Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024**  
**Mob No. 8811096201, e-mail : envisionghy@gmail.com**  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

**TOPCEM INDIA**

**Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.**

<b>Date:</b>	<b>23/01/2014</b>
<b>Rep.No.</b>	<b>140123_12040009_02_138</b>

**Stack Description:**

Stack attached to **1) DG -1 1500 KVA**  
**2) DG -2 1500 KVA**  
**3) DG -3 1500 KVA**  
**4) DG -4 1500 KVA**

**Date of Sampling:** 20/01/2014

**Date of Analysis:** 21/01/2014

**Sample Collected By:** M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS			
			1	2	3	4
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	143	151	149	165
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.35	4.40	4.38	4.47
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	75	51.6	56.4	54.7	59.1
S <sub>4</sub>	NO <sub>x</sub> (ppmV)	710	494	528	513	556

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

**En-Vision Enviro Engineers Pvt. Ltd., Guwahati**



**(Quality Control Manager)**

**LAB/FM/04**

**End of Report**



**Branch Office :** House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
**Mob No.** 8811096201, **e-mail :** envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

Date:	23/01/2014
Rep.No.	140123_12040009_02_139

**Stack Description:**

Stack attached to Cement Mill

**Date of Sampling:** 20/01/2014

**Date of Analysis:** 21/01/2014

**Sample Collected By:** M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	148
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.38
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	50	37.4

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati

  
(Quality Control Manager)

LAB/FM/04

End of Report

Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : [envisionghy@gmail.com](mailto:envisionghy@gmail.com)  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date:	22/02/2014
Rep.No.	140222_13010010_06A_140

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. Towards North-West Direction
2. Towards North-East Direction
3. Packing Plant
4. Cement Mill

**Date of Sample Collection:** 19.02.2014

**Sample Collected By:** M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	11:50 a.m. to 01:05 p.m.	dB(A) in Leq.	61.4	63.2	68.0	69.1

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati



(Quality Control Manager)

LAB/FM/08

End of Report

Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No 8811096201, e-mail : envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date: 22/02/2014

Rep.No. 140222\_12040009\_06A\_141

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati,  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. DG SET(1) 1500 KVA
2. DG SET(2) 1500 KVA
3. DG SET(3) 1500 KVA
4. DG SET(4) 1500 KVA

Date of Sample Collection: 19.02.2014

Sample Collected By: M/s. EEEPL

Code	Time	Unit	RESULTS			
N <sub>1</sub>	01:55 p.m. to 02:45 p.m.	dB(A)in Leq.	1	2	3	4
			72.3	70.6	69.7	71.2

**Opinion :** All Parameters are within permissible limit

**EN-VISION ENVIRO ENGINEERS PVT. LTD., GUWAHATI**



(Quality Control Manager)

LAB/FM/08

End Of Report



**Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024**  
**Mob No. 8811096201, e-mail : envisionghy@gmail.com**  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

Date:	22/02/2014
Rep.No.	140222_12040009_02_142

**Stack Description:**

Stack attached to 1) DG -1 1500 KVA  
2) DG -2 1500 KVA  
3) DG -3 1500 KVA  
4) DG -4 1500 KVA

**Date of Sampling:** 19/02/2014

**Date of Analysis:** 20/02/2014

**Sample Collected By:** M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS			
			1	2	3	4
S <sub>1</sub>	Temperature of Flue Gas ( ° C )		147	159	154	163
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.37	4.44	4.41	4.46
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	75	55.2	59.7	57.0	58.3
S <sub>4</sub>	NO <sub>x</sub> (ppmV)	710	506	535	524	548

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

**En-Vision Enviro Engineers Pvt. Ltd., Guwahati**



**(Quality Control Manager)**

LAB/FM/04

**End of Report**

Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : envisionghy@gmail.com  
RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM

**STACK ANALYSIS REPORT**

**Name & Address:**

TOPCEM INDIA

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

Date: 22/02/2014

Rep.No. 140222\_12040009\_02\_143

**Stack Description:**

Stack attached to Cement Mill

Date of Sampling: 19/02/2014

Date of Analysis: 20/02/2014

Sample Collected By: M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	145
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.36
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	50	36.0

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati



(Quality Control Manager)

LAB/FM/04

End of Report



Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : [envisionghy@gmail.com](mailto:envisionghy@gmail.com)  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**AMBIENT AIR ANALYSIS REPORT**

Date:	18/03/2014
Rep.No.	140318_12040009_01_155

**Name & Address:**

**TOPCEM INDIA**

**Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.**

**Ambient Locations:**

1. Near highways & truck parking.
2. Near Workshop & Staff Quarter.
3. Near Switch Yard.
4. Near to truck tippler.

**Date of Sampling:** 14.03.2014

**Date of Analysis:** 15.03.2014

**Sample Collected By:** M/s. EEEPL

SR.NO.	PARAMETERS	LIMITS	RESULTS			
			1	2	3	4
i)	Time Weighted Average (hours)	-	24	24	24	24
ii)	PM <sub>10</sub> (µg/m <sup>3</sup> )	100	78	69	66	75
iii)	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	60	41	35	32	38
iv)	NO <sub>x</sub> (µg/m <sup>3</sup> )	80	22.0	20.6	20.1	21.7
v)	SO <sub>2</sub> (µg/m <sup>3</sup> )	80	14.2	13.1	12.5	13.8

**Method of Analysis Followed: I.S. 5182, part I to XVIII**

**Opinion :** All Parameters are within permissible limit

**En-Vision Enviro Engineers Pvt. Ltd., Guwahati**

(Quality Control Manager)

LAB/FM/07

End of Report

**Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024**  
**Mob No. 8811096201, e-mail : envisionghy@gmail.com**  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**FUGITIVE EMISSION ANALYSIS REPORT**

Date:	18/03/2014
Rep.No.	140318_12040009_04_154

**Name & Address:**

**TOPCEM INDIA**

**Gauripur, North Guwahati,  
Dist: Kamrup Rural,  
Assam.**

**Fugitive Locations:**

1. Near Main Gate.
2. Near Fly Ash Storage.

**Date of Sampling:** 14/03/2014

**Date of Analysis:** 15/03/2014

**Sample Collected By:** M/s. EEEPL

SR.NO.	PARAMETERS	RESULTS	
		1	2
i)	Duration of Survey (hours)	8	8
ii)	Fugitive (PM)( $\mu\text{g}/\text{m}^3$ )	786	847

**Method of Analysis Followed: I.S. 5182 Part I to XVIII**

**En-Vision Enviro Engineers Pvt. Ltd., Guwahati**



**(Quality control Manager)**

**LAB/FM/03**

**End of Report**



**Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024**  
**Mob No. 8811096201, e-mail : envisionghy@gmail.com**  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

Date:	18/03/2014
Rep.No.	140318_12040009_02_001

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Stack Description:**

Stack attached to Cement Mill

**Date of Sampling:** 14/03/2014

**Date of Analysis:** 15/03/2014

**Sample Collected By:** M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS
S <sub>1</sub>	Temperature of Flue Gas ( ° C )	-	147
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.37
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	50	36.5

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati



(Quality Control Manager)

**End of Report**

LAB/FM/04

Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : [envisionghy@gmail.com](mailto:envisionghy@gmail.com)  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date:	18/03/2014
Rep.No.	140318_13010010_06A_144

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. Towards North-West Direction
2. Towards North-East Direction
3. Packing Plant
4. Cement Mill

**Date of Sample Collection:** 14.03.2014

**Sample Collected By:** M/s. EEEPL

Code	Time	Unit	RESULTS			
			1	2	3	4
N <sub>1</sub>	01:20 p.m. to 02:40 p.m.	dB(A)in Leq.	60.6	62.1	67.4	68.2

**Opinion :** All Parameters are within permissible limit

En-Vision Enviro Engineers Pvt. Ltd., Guwahati



(Quality Control Manager)

End of Report

LAB/FM/08

Branch Office : House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
Mob No. 8811096201, e-mail : envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**NOISE LEVEL MEASUREMENT ANALYSIS REPORT**

Date: 18/03/2014

Rep.No. 140318\_12040009\_06A\_145

**Name & Address:**

TOPCEM INDIA

Gauripur, North Guwahati,  
Dist: Kamrup Rural.  
Assam.

**Name of location:**

1. DG SET(1) 1500 KVA
2. DG SET(2) 1500 KVA
3. DG SET(3) 1500 KVA
4. DG SET(4) 1500 KVA

**Date of Sample Collection:** 14.03.2014

**Sample Collected By:** M/s. EEEPL

Code	Time	Unit	RESULTS			
N <sub>1</sub>	12:20 p.m. to 01:05 p.m.	dB(A) in Leq.	1	2	3	4
			71.8	69.7	69.0	70.3

**Opinion :** All Parameters are within permissible limit

EN-VISION ENVIRO ENGINEERS PVT. LTD., GUWAHATI



(Quality Control Manager)

LAB/FM/08

End Of Report



**Branch Office :** House No- 7, Bishnu Rabha Path, Opp. Assam State Zoo, Guwahati-7810024  
**Mob No.** 8811096201, **e-mail :** envisionghy@gmail.com  
**RECOGNIZED BY POLLUTION CONTROL BOARD, ASSAM**

**STACK ANALYSIS REPORT**

**Name & Address:**

**TOPCEM INDIA**

Gauripur, North Guwahati.  
Dist: Kamrup Rural.  
Assam.

**Date:** 18/03/2014

**Rep.No.** 140318\_12040009\_02\_001

**Stack Description:**

Stack attached to 1) DG -1 1500 KVA  
2) DG -2 1500 KVA  
3) DG -3 1500 KVA  
4) DG -4 1500 KVA

**Date of Sampling:** 14/03/2014

**Date of Analysis:** 15/03/2014

**Sample Collected By:** M/s. EEEPL

CODE	PARAMETERS	LIMITS	RESULTS			
			1	2	3	4
S <sub>1</sub>	Temperature of Flue Gas ( ° C )		149	156	152	167
S <sub>2</sub>	Average Flue Gas Velocity (m/sec)	-	4.38	4.42	4.40	4.48
S <sub>3</sub>	Total Particulate Matter (mg / Nm <sup>3</sup> )	75	55.9	58.0	56.1	59.3
S <sub>4</sub>	NO <sub>x</sub> (ppmV)	710	514	547	522	565

**Method of Analysis Followed:** I.S. 11255, part I to IV

**Opinion :** All Parameters are within permissible limit

**En-Vision Enviro Engineers Pvt. Ltd., Guwahati**

(Quality Control Manager)

LAB/FM/04

End of Report

## **ANNEXURE-II**

### **PHOTOGRAPHS OF CSR** **ACTIVITIES**





NEW TEMPLE AT GAURIPUR





**TOPCEM**  
CEMENT  
Mazbooti ka bharosa...hamesha

**TOPCEM**  
CEMENT  
Mazbooti ka bharosa...hamesha

**TOPCEM**  
CEMENT  
Mazbooti ka bharosa...hamesha

**TOPCEM**  
CEMENT  
Mazbooti ka bharosa...hamesha

TIN SHED WORK AT GAURIPUR SCHOOL



# TEMPLE WORK AT CREMATION GROUND







Temple Work At Gauripur



# Stair work For Cremation Ground





# NEW TEMPLE AT GAURIPUR





# FLOORING WORK AT GAURIPUR SCHOOL



# CREMATION GROUND





## **ANNEXURE-III**

# **ENVIRONMENTAL AUDIT STATEMENT FOR THE FINANCIAL YEAR 2013-14**

# ENVIRONMENTAL AUDIT REPORT

Under the provisions of Sub Rule 14 of the Environment (Protection) Rules, 1986 of the Environment (Protection) Act-1986.

## 14 Submission of Environmental Audit Report :-

Every person carrying on an industry, operation or process requiring consent under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) or under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) or both or authorisation under the Hazardous Wastes (Management and Handling) Rules, 1989 issued under the environment (Protection) Act, 1986 (29 of 1986) shall submit an environmental audit report for the financial year ending the 31<sup>st</sup> March in form - V to the concerned State Pollution Control Board on or before the 15<sup>th</sup> day of May every year, beginning 1993.

## FORM - V

(See rule 14)

Environmental Audit Report for the financial year ending the 31<sup>st</sup> March 2014

### PART: A

- i) Name and address of the owner / occupier of the industry, Operation or process. : M/s. TOPCEM India.  
Vill: Gauripur, College Nagar, Amingaon. Dist: Kamrup, Assam.
- ii) Date of the last environmental audit report submitted. : 11/12/2013

**TOPCEM INDIA**  
  
Authorised Signatory

## PART : B

### Water and Raw Material Consumption

(1) Water Consumption m<sup>3</sup>/day.

Process : - Nil

Boiler : - Nil

Domestic : - 20000 Litre/day

Name of Products	Process water consumption per unit of products.	
	During the previous Financial year.	During the current Financial year.
	(1)	(2)
(1) PPC	Nil	Nil
(2) OPC	Nil	Nil

(ii) Raw Material consumption :

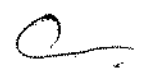
Name of Raw Materials	Name of products	Consumption of raw material per unit of output. (MT/MT)	
		During the previous Financial year.	During the current Financial year.
Clinker	PPC	72.02 MT	70.49 MT
Fly Ash	PPC	26.99 MT	28.48 MT
Slag		Nil	Nil
Gypsum		9.88 MT	1.03 MT

## PART : C

### Pollution Generated

(Parameter as specified in the consent issued)

(i) Pollutants	Quantity of pollution generated	Percentage of variation from prescribed standards with reasons.
(a) Water	<b>NOT APPLICABLE, AS THERE IS NO WASTEWATER GENERTION.</b>	
(b) Air	<b>ALL PARAMETERS ARE WELL WITHIN THE NORMS PRESCRIBED BY THE BOARD.</b>	

  
Authorized Officer



**PART : D**

**Hazardous Wastes**

(as specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (kg.)	
	During the previous Financial year.	During the current Financial year.
(a) From Process		
(b) From Pollution control facilities	<b>NOT APPLICABLE</b>	

**PART : E**

**Solid Wastes**

	Total Quantity (kg.)	
	During the previous Financial year.	During the current Financial year.
(a) From Process		
(b) From Pollution control facilities		
(c) Quantity recycled or re-utilised	<b>Discarded Bags</b> 250000	250000

**PART : F**

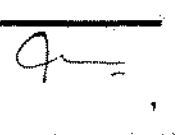
Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

**All the HDPE Discarded Bags generated are return to suppliers.**

**PART : G**

Impact of the pollution control measures on conservation of natural resources and consequently on the cost of production.

**Cost of consultancy & recurring cost of annual monitoring include electricity : Rs. 80,000/- and Rs 20 Lacs.**



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**PART : H**

Additional investment proposal for environmental protection including abatement of pollution.

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**Not applicable.**

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**PART : I**  
**Miscellaneous**

Any other particulates in respect of environmental protection and abatement of pollution.

---

**None.**

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**TOPCEM INDIA**

Signature :

Name : AMIT AGARWAL

Designation : PARTNER

Date : 12/05/2014.

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Submitted to:

**Ministry of Environment & Forester**

North Eastern Regional Office,

Law-U-Sib, Lumbatngen,

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