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# SHREE CEMENT LTD.

An ISO 9001, 14001, 45001 & 50001 Certified Company

Regd. Office:

BANGUR NAGAR, POST BOX NO.33, BEAWAR 305901, RAJASTHAN, INDIA

Plant Correspondence Address :

VILLAGE AKABARPUR OUD, TEHSIL LAKSAR, DISTRICT HARIDWAR, UTTARAKHAND - 247663

SCL/RGU/ENV/EC/2021-22/40

Date : 24.05.2021

Regd. AD.

To  
The Member Secretary,  
State Level Environment Impact Assessment Authority,  
Indira Nagar Colony Road, Vasant Vihar, Indira Nagar Colony,  
Dehradun, Uttarakhand 248006

**Sub:** Reg. Half Yearly Compliance Report of the Environment Clearance from Oct-2020 to Mar-2021 for Clinker Grinding Unit of Shree Cement Ltd. situated near Village Akabarpur Oud, Tehsil Laksar, Distt. Haridwar, Uttarakhand.

**Ref: - Environmental Clearance letter no. SEIAA-EC-1/2009/35 Dated 8<sup>th</sup> June, 2009**

Dear Sir,

With reference to the above subject matter and referred EC letter; we are submitting herewith the point wise compliance report of above environment clearance conditions for the period from Oct-2020 to Mar-2021.

Thanking you,  
Yours faithfully,

For Shree Cement Ltd.

(Vishnu Verma)  
(Addl. General Manager)

**Encl.:** EC Compliance Report

**Copy to: -**

1. The Director, (Monitoring Cell), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003 (India).
2. Zonal Officer, Central Pollution Control Board, Zonal Office (Central), Ground Floor, PICUP Bhawan, Vibhuti Khand, Gomati Nagar, LUCKNOW (U.P.)-266010
3. The Additional Director, Government of India, Ministry of Environment, Forest & Climate Change, North Central Regional Office, 25<sup>th</sup> Subhash Road, Dehradun, Uttarakhand-248001.
4. The Member Secretary, Uttarakhand Environment Protection & Pollution Control Board, Gaura Devi Paryavaran Bhawan, 46-B IT Park, Sahastradhara Road, Dehradun, Uttarakhand-248001

JAIPUR OFFICE : SB-187, Bapu Nagar, Opp. Rajasthan University, JLN Marg, Jaipur 302015  
Phone : 0141 4241200, 4241204

NEW DELHI OFFICE : 122-123, Hans Bhawan, 1, Bahadurshah Zafar Marg, New Delhi 110002  
Phone : 011 23370828, 23379218, 23370776

CORP. OFFICE : 21, Strand Road, Kolkata 700001 Phone : 033 22309601-4 Fax : 033 22434226

**SHREE CEMENT LIMITED**

**Address** : Village - Akabarpur Oud, Tehsil - Laksar, Distt. Haridwar, (Uttarakhand)-247663  
**Name of the Project** : Compliance Status of Environment Clearance  
**Clearance Letter No.** : SEIAA-EC-1/2009/35 Dated 8<sup>th</sup> June, 2009  
**Period of Compliance Report** : Oct-2020 to Mar-2021

Specific Conditions																		
Sn.	Conditions	Compliance Status																
1.	The particulate matter emissions from various sources shall not exceed 50 mg/Nm <sup>3</sup> . The fugitive emissions during loading and unloading shall be suitably controlled. Bag house/ filters shall be provided to control air emissions to achieve the prescribed standards.	<ul style="list-style-type: none"> <li>▪ Particulate matter emissions level from cement mill stack are as given below and the PM level are well within the prescribed limit of 30 mg/Nm<sup>3</sup> as per MOEF&amp;CC Gazette Notification dated 25<sup>th</sup> Aug-2014:</li> <li>▪</li> </ul> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="2">Cement Mill Bag House Stack; Limit – 30 (mg/Nm<sup>3</sup>)</th> </tr> <tr> <th>Month</th> <th>PM (mg/Nm<sup>3</sup>)</th> </tr> </thead> <tbody> <tr> <td>Oct-20</td> <td>22</td> </tr> <tr> <td>Nov-20</td> <td>20</td> </tr> <tr> <td>Dec-20</td> <td>21</td> </tr> <tr> <td>Jan-21</td> <td>23</td> </tr> <tr> <td>Feb-21</td> <td>21</td> </tr> <tr> <td>Mar-21</td> <td>22</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>▪ Bag filters have been provided at various material transfer &amp; loading/unloading points to control the fugitive emissions.</li> <li>▪ Bag house has been installed at the stack of cement mill to control the particulate matter emissions.</li> <li>▪ CEMS i.e. opacity monitor installed at cement mill main stack and same is connected with CPCB and UKPCB servers on 24 x 7 basis.</li> <li>▪ Stack and ambient monitoring is being carried out by NABL accredited laboratory regularly. Copy of same are attached as <b>Annexure I</b>.</li> </ul>	Cement Mill Bag House Stack; Limit – 30 (mg/Nm <sup>3</sup> )		Month	PM (mg/Nm <sup>3</sup> )	Oct-20	22	Nov-20	20	Dec-20	21	Jan-21	23	Feb-21	21	Mar-21	22
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2.	The locations of ambient air monitoring stations shall be set up as per statutory requirement in consultation with the Uttarakhand Environment Protection & Pollution Control Board and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are	<ul style="list-style-type: none"> <li>▪ The locations for ambient air monitoring have been set up in consultation with the Uttarakhand Environment Protection &amp; Pollution Control Board and are given below:</li> </ul> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Sn.</th> <th>Location Name</th> <th>Directions</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Sn.	Location Name	Directions													
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	anticipated. The findings of the air quality monitoring shall be displayed in display board at appropriate locations.	1	Plant Boundary Near Main Gate	North-East
		2	Plant Boundary Near CCR Building	South-West
		3	Plant Boundary Near Diesel Pump	North-West
		<ul style="list-style-type: none"> <li>▪ Data of air quality monitoring are being displayed at factory main gate.</li> <li>▪ Display board for displaying the air quality data is installed at public domain photograph of the same is attached as <b>Annexure II</b>.</li> </ul>		
3.	The company shall obtain permission for drawl of 150m <sup>3</sup> /day ground water from the Central Ground Water Authority/ Central Ground Water Board and copy of the same shall be submitted to the State Level Environment Impact Assessment Authority and Uttarakhand Environment Protection and Pollution Control Board within three months from date of issue of this letter.	<ul style="list-style-type: none"> <li>▪ CGWA permission for withdrawal of 150m<sup>3</sup>/day ground water has been granted by the Central Ground Water Authority their vide Letter No. 21-4(24)/UR/CGWA/2009-74 dated 30/01/2020 and valid up to 11.08.2023. Copy of NOC has been submitted to the State Level Environment Impact Assessment Authority and Uttarakhand Environment Protection and Pollution Control Board vide letter no. SCL/RGU/ENV/CGWA-NOC/2020/52 dated 20.05.2020.</li> </ul>		
4.	Green belt shall be developed at least in 33% of plant area to mitigate the effect of fugitive emissions all around the plant as per the guidelines of Central Pollution Control Board.	<ul style="list-style-type: none"> <li>▪ Greenbelt has been developed in 38.5% i.e. 42200 meter<sup>2</sup> of total plant area of 109600 meter<sup>2</sup> and total 9330 nos. of plants have been planted in the plant premises area.</li> <li>▪ To maintain the density of plantation, 50 no. plants have been planted during Oct-2020 to Mar-2021, out of which 40 no. are survived.</li> <li>▪ Plantation Photographs are attached as <b>Annexure III</b></li> </ul>		
5.	The project authorities shall transport the raw materials and cement in covered means to avoid fugitive emission during transport, with arrangement of dust collector at all the material transportation points	<ul style="list-style-type: none"> <li>▪ To avoid fugitive emission, Raw materials &amp; cement are transported through covered conveyor belts and air slides respectively</li> <li>▪ Dust collectors are provided at various material transfer points.</li> <li>▪ All the roads are concreted and vacuum sweeping are being used to maintain better housekeeping</li> </ul>		
6.	All the roads shall be concreted and vacuum swept and concerned conveyor belt shall be provided for handling of material.	<ul style="list-style-type: none"> <li>▪ All roads &amp; truck parking areas are concreted &amp; vacuum sweeping machine are being used on regular basis.</li> <li>▪ Covered conveyor belts have been provided for handling of material to all material transfer points</li> </ul>		
7.	All the recommendations mentioned in the CREP guideline for the cement plants shall be followed and complied, and compliance report shall be forwarded to State Level Environment Impact Assessment Authority and State Board.	<ul style="list-style-type: none"> <li>▪ All CREP conditions are compiled and followed.</li> </ul>		
8.	This Clearance is valid only for clinker grinding; the unit will not install any cement kiln.	<ul style="list-style-type: none"> <li>▪ Yes, this clearance is valid only for clinker grinding &amp; we will not install any cement kiln.</li> </ul>		
<b>GENERAL CONDITIONS</b>				

Sr.	Conditions	Compliance Status
1.	The project authorities shall strictly adhere to the stipulations of the SPCB/state government or any statutory body.	<ul style="list-style-type: none"> <li>▪ Yes, the unit is complying with all the stipulations made by the UEPPCB, CGWA, MOEF&amp;CC &amp; State Govt. or any statutory body.</li> </ul>
2.	All other necessary statutory clearance from the concerned Departments including No Objection Certificates from the Uttarakhand Pollution Control Board (Uttarakhand PCB) shall be obtained prior to commencement of construction and/or operation.	<ul style="list-style-type: none"> <li>▪ Consent to operate has been obtained from Uttarakhand PCB vide letter no. UKPCB/HO/Con-S/191/2021/1753 dt 30/03/2021. This Consent is valid upto 31.03.2026.</li> <li>▪ Copy of Consent Letter is attached as <b>Annexure IV</b></li> </ul>
3.	No further expansion or modifications in the plant shall be carried out without prior approval of the competent authority. In case of deviations or alterations in the project proposal from those submitted to this competent authority for clearance, a fresh reference shall be made to the authority to assess the adequacy of conditions imposed & to add additional environmental protection measures required, if any.	<ul style="list-style-type: none"> <li>▪ Yes, for further expansion or modification, prior approval shall be obtained from the concerned authority.</li> </ul>
4.	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	<ul style="list-style-type: none"> <li>▪ Stack emission levels are well within the prescribed limit of 30 mg/Nm<sup>3</sup>.</li> <li>▪ Bag house is attached with cement mill which is always in continuous operation with cement mill and interlocking system provided so that cement mill gets stopped in case of increase in emission level above the prescribed standards.</li> <li>▪ Online monitoring system is provided with cement mill bag house stack.</li> <li>▪ Data of stack emissions are mentioned in specific condition No. 01.</li> <li>▪ Stack and ambient monitoring is being carried out by NABL accredited laboratory regularly. Copy of same are attached as <b>Annexure I.</b></li> </ul>

<p>5.</p>	<p>The gaseous emissions (SO<sub>2</sub>, NO<sub>x</sub>) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time and values obtained shall be displayed in display board.</p>	<ul style="list-style-type: none"> <li>▪ Particulate Matter (PM) is being regularly monitored at process stack as it only a standalone clinker grinding unit. Monitoring results are given in compliance status of condition No.1 of specific condition. Ambient air quality is monitored according to prescribed standards of the Board and values are being displayed at the factory main gate.</li> <li>▪ Data of Ambient Air Quality Monitoring is given below:</li> </ul> <table border="1" data-bbox="1115 323 2040 834"> <thead> <tr> <th colspan="13">Ambient Air Quality at Plant Boundary in µg/m<sup>3</sup></th> </tr> <tr> <th>Location</th> <th colspan="4">Main Gate</th> <th colspan="4">CCR Building</th> <th colspan="4">Diesel Pump</th> </tr> <tr> <th>Para-meters</th> <th>PM 10</th> <th>PM 2.5</th> <th>SO<sub>2</sub></th> <th>NO<sub>2</sub></th> <th>PM 10</th> <th>PM 2.5</th> <th>SO<sub>2</sub></th> <th>NO<sub>2</sub></th> <th>PM 10</th> <th>PM 2.5</th> <th>SO<sub>2</sub></th> <th>NO<sub>2</sub></th> </tr> </thead> <tbody> <tr> <td>Annual L→ Month↓</td> <td>60</td> <td>40</td> <td>50</td> <td>40</td> <td>60</td> <td>40</td> <td>50</td> <td>40</td> <td>60</td> <td>40</td> <td>50</td> <td>40</td> </tr> <tr> <td>Oct-20</td> <td>50</td> <td>32</td> <td>12.1</td> <td>12.8</td> <td>46</td> <td>31</td> <td>11.2</td> <td>12.4</td> <td>51</td> <td>33</td> <td>14.8</td> <td>16.1</td> </tr> <tr> <td>Nov-20</td> <td>53</td> <td>33</td> <td>13.0</td> <td>13.7</td> <td>50</td> <td>31</td> <td>12.6</td> <td>13.2</td> <td>56</td> <td>34</td> <td>16.8</td> <td>18.5</td> </tr> <tr> <td>Dec-20</td> <td>52</td> <td>32</td> <td>12.3</td> <td>13.2</td> <td>49</td> <td>30</td> <td>11.3</td> <td>12.3</td> <td>55</td> <td>35</td> <td>17.2</td> <td>17.7</td> </tr> <tr> <td>Jan-21</td> <td>49</td> <td>32</td> <td>12.7</td> <td>13.2</td> <td>46</td> <td>31</td> <td>11.9</td> <td>12.2</td> <td>51</td> <td>34</td> <td>16.4</td> <td>17.0</td> </tr> <tr> <td>Feb-21</td> <td>48</td> <td>32</td> <td>12.5</td> <td>13.1</td> <td>45</td> <td>32</td> <td>11.6</td> <td>12.3</td> <td>51</td> <td>34</td> <td>16.3</td> <td>17.2</td> </tr> <tr> <td>Mar-21</td> <td>52</td> <td>33</td> <td>12.3</td> <td>12.0</td> <td>44</td> <td>32</td> <td>11.1</td> <td>12.0</td> <td>53</td> <td>34</td> <td>15.8</td> <td>16.6</td> </tr> </tbody> </table> <p>Stack and ambient monitoring is being carried out by NABL accredited laboratory regularly. Copy of same are attached as <b>Annexure I</b>.</p>	Ambient Air Quality at Plant Boundary in µg/m <sup>3</sup>													Location	Main Gate				CCR Building				Diesel Pump				Para-meters	PM 10	PM 2.5	SO <sub>2</sub>	NO <sub>2</sub>	PM 10	PM 2.5	SO <sub>2</sub>	NO <sub>2</sub>	PM 10	PM 2.5	SO <sub>2</sub>	NO <sub>2</sub>	Annual L→ Month↓	60	40	50	40	60	40	50	40	60	40	50	40	Oct-20	50	32	12.1	12.8	46	31	11.2	12.4	51	33	14.8	16.1	Nov-20	53	33	13.0	13.7	50	31	12.6	13.2	56	34	16.8	18.5	Dec-20	52	32	12.3	13.2	49	30	11.3	12.3	55	35	17.2	17.7	Jan-21	49	32	12.7	13.2	46	31	11.9	12.2	51	34	16.4	17.0	Feb-21	48	32	12.5	13.1	45	32	11.6	12.3	51	34	16.3	17.2	Mar-21	52	33	12.3	12.0	44	32	11.1	12.0	53	34	15.8	16.6
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<p>6.</p>	<p>The company shall undertake following Waste Minimization measures.</p> <ul style="list-style-type: none"> <li>• Reuse of by-products from the process as raw materials or as raw materials substitutes in other processes.</li> <li>• Use of Closed pneumatic system for transport of fine materials.</li> <li>• All Venting systems shall be connected with dust arresting equipment.</li> <li>• Dust collect in pollution control equipment shall be reused.</li> </ul>	<ul style="list-style-type: none"> <li>▪ There is no solid waste generation from the cement manufacturing process.</li> <li>▪ Pneumatic system is being used for unloading of flyash.</li> <li>▪ Bag filters have been installed at all material transfer points.</li> <li>▪ Dust collected in bag filters/ bag house is being recycled back into the system.</li> </ul>																																																																																																																																		

7.	Fugitive emissions in the work zone environment, product and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/ Central Pollution Control Board.	<ul style="list-style-type: none"> <li>Fugitive emissions are being monitored regularly &amp; emission level are well within the prescribed limit. Monitoring data are given below:</li> </ul> <table border="1" data-bbox="1120 167 2033 406"> <thead> <tr> <th colspan="7">Fugitive Emission Monitoring : all values in <math>\mu\text{g}/\text{m}^3</math></th> </tr> <tr> <th>Location↓</th> <th colspan="6">(Limits: 5000 <math>\mu\text{g}/\text{m}^3</math>)</th> </tr> <tr> <th>Month→</th> <th>Oct-20</th> <th>Nov-20</th> <th>Dec-20</th> <th>Jan-21</th> <th>Fev-21</th> <th>Mar-21</th> </tr> </thead> <tbody> <tr> <td>Raw Material Handling</td> <td>3278</td> <td>3214</td> <td>2955</td> <td>2868</td> <td>3126</td> <td>3017</td> </tr> <tr> <td>Cement Mill Area</td> <td>3447</td> <td>3350</td> <td>3218</td> <td>2979</td> <td>3253</td> <td>3299</td> </tr> <tr> <td>Packing Plant Area</td> <td>3527</td> <td>3475</td> <td>3296</td> <td>3173</td> <td>3384</td> <td>3394</td> </tr> </tbody> </table>	Fugitive Emission Monitoring : all values in $\mu\text{g}/\text{m}^3$							Location↓	(Limits: 5000 $\mu\text{g}/\text{m}^3$ )						Month→	Oct-20	Nov-20	Dec-20	Jan-21	Fev-21	Mar-21	Raw Material Handling	3278	3214	2955	2868	3126	3017	Cement Mill Area	3447	3350	3218	2979	3253	3299	Packing Plant Area	3527	3475	3296	3173	3384	3394																																																																																																																																																																	
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8.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<ul style="list-style-type: none"> <li>Noise Level Monitoring inside the factory premises, &amp; at plant boundary are being carried out regularly and the data are given below:</li> </ul> <table border="1" data-bbox="1120 494 2033 845"> <thead> <tr> <th colspan="13">Ambient Noise Level at Plant Boundary: All values in dB (A)</th> </tr> <tr> <td colspan="13">Limits/Norms: Day Time – 75 dB (A); Night time – 70 dB (A)</td> </tr> <tr> <td colspan="13">Day time: 06:00 AM-10:00 PM &amp; Night time: 10:00 PM to 06:00 AM</td> </tr> <tr> <th>Months→</th> <th colspan="2">Oct-20</th> <th colspan="2">Nov-20</th> <th colspan="2">Dec-20</th> <th colspan="2">Jan-21</th> <th colspan="2">Fev-21</th> <th colspan="2">Mar-21</th> </tr> <tr> <th>Location↓</th> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> <th>Day</th> <th>Night</th> </tr> </thead> <tbody> <tr> <td>Main Gate</td> <td>65.3</td> <td>57.2</td> <td>64.3</td> <td>56.4</td> <td>63.1</td> <td>55.3</td> <td>64.2</td> <td>56.1</td> <td>64.3</td> <td>55.9</td> <td>63.9</td> <td>55.2</td> </tr> <tr> <td>CCR Building</td> <td>61.4</td> <td>54.1</td> <td>60.4</td> <td>53.1</td> <td>60.2</td> <td>52.4</td> <td>61.5</td> <td>53.4</td> <td>61.9</td> <td>53.7</td> <td>62.1</td> <td>53.9</td> </tr> <tr> <td>Diesel Pump</td> <td>62.8</td> <td>55.6</td> <td>61.8</td> <td>55.7</td> <td>62.8</td> <td>54.7</td> <td>63.3</td> <td>54.8</td> <td>63.7</td> <td>54.5</td> <td>63.3</td> <td>54.8</td> </tr> </tbody> </table> <p>Noise Level Monitoring Report By NABL Accredited laboratory is Attached as <b>Annexure V</b></p> <table border="1" data-bbox="1120 925 2033 1436"> <thead> <tr> <th colspan="9">Noise Level Inside the Premises: All values in dB (A)</th> </tr> <tr> <td colspan="9">Limits/Norms: Work Zone - 85 dB (A) ; D.G. Set – 75 dB (A)</td> </tr> <tr> <th>Sn.</th> <th>Locations ↓</th> <th>Months →</th> <th>Oct-20</th> <th>Nov-20</th> <th>Dec-20</th> <th>Jan-21</th> <th>Fev-21</th> <th>Mar-21</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Cement Mill Area</td> <td></td> <td>78.1</td> <td>79.2</td> <td>78.6</td> <td>77.9</td> <td>79.5</td> <td>77.2</td> </tr> <tr> <td>2.</td> <td>Packing Plant</td> <td></td> <td>66.3</td> <td>65.4</td> <td>67.3</td> <td>65.7</td> <td>66.1</td> <td>67.1</td> </tr> <tr> <td>3.</td> <td>Compressor House</td> <td></td> <td>70.5</td> <td>71.6</td> <td>68.7</td> <td>73.5</td> <td>70.8</td> <td>72.6</td> </tr> <tr> <td>4.</td> <td>Raw Material Handling</td> <td></td> <td>64.2</td> <td>66.1</td> <td>65.7</td> <td>64.8</td> <td>66.4</td> <td>65.3</td> </tr> <tr> <td>5.</td> <td>Near Weigh Bridge</td> <td></td> <td>63.4</td> <td>61.2</td> <td>62.5</td> <td>61.9</td> <td>63.2</td> <td>62.4</td> </tr> <tr> <td>6.</td> <td>Truck Parking Area</td> <td></td> <td>61.7</td> <td>62.5</td> <td>60.4</td> <td>61.1</td> <td>62.6</td> <td>61.2</td> </tr> <tr> <td>7.</td> <td>DG Set 750 KVA</td> <td></td> <td>69.3</td> <td>68.7</td> <td>70.2</td> <td>67.9</td> <td>69.6</td> <td>68.9</td> </tr> <tr> <td>8.</td> <td>DG Set 1000 KVA</td> <td></td> <td>70.8</td> <td>72.2</td> <td>69.7</td> <td>70.3</td> <td>71.5</td> <td>69.2</td> </tr> </tbody> </table>	Ambient Noise Level at Plant Boundary: All values in dB (A)													Limits/Norms: Day Time – 75 dB (A); Night time – 70 dB (A)													Day time: 06:00 AM-10:00 PM & Night time: 10:00 PM to 06:00 AM													Months→	Oct-20		Nov-20		Dec-20		Jan-21		Fev-21		Mar-21		Location↓	Day	Night	Main Gate	65.3	57.2	64.3	56.4	63.1	55.3	64.2	56.1	64.3	55.9	63.9	55.2	CCR Building	61.4	54.1	60.4	53.1	60.2	52.4	61.5	53.4	61.9	53.7	62.1	53.9	Diesel Pump	62.8	55.6	61.8	55.7	62.8	54.7	63.3	54.8	63.7	54.5	63.3	54.8	Noise Level Inside the Premises: All values in dB (A)									Limits/Norms: Work Zone - 85 dB (A) ; D.G. Set – 75 dB (A)									Sn.	Locations ↓	Months →	Oct-20	Nov-20	Dec-20	Jan-21	Fev-21	Mar-21	1.	Cement Mill Area		78.1	79.2	78.6	77.9	79.5	77.2	2.	Packing Plant		66.3	65.4	67.3	65.7	66.1	67.1	3.	Compressor House		70.5	71.6	68.7	73.5	70.8	72.6	4.	Raw Material Handling		64.2	66.1	65.7	64.8	66.4	65.3	5.	Near Weigh Bridge		63.4	61.2	62.5	61.9	63.2	62.4	6.	Truck Parking Area		61.7	62.5	60.4	61.1	62.6	61.2	7.	DG Set 750 KVA		69.3	68.7	70.2	67.9	69.6	68.9	8.	DG Set 1000 KVA		70.8	72.2	69.7	70.3	71.5	69.2										
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9.	The company shall develop rain water harvesting structures to harvest the runoff water for recharge of ground water.	<ul style="list-style-type: none"> <li>▪ Rain water harvesting structures have been developed to harvest the runoff water of rooftop &amp; concreted area for recharge of ground water.</li> <li>▪ Unit is having Rain Water Harvesting capacity is 81456 m<sup>3</sup>/year.</li> </ul>																					
10.	Occupational health and safety measures shall be undertaken. Periodic monitoring for exposure to dust on the workers should be conducted and records maintained including health records of the workers. The company shall engage a doctor who is trained in occupational health.	<ul style="list-style-type: none"> <li>▪ Personnel protective equipment are being provided to all the employee and worker to avoid direct exposure to dust.</li> <li>▪ Heath Management Center has been established in the plant premises.</li> <li>▪ Annual medical examination for all the employees and worker.</li> <li>▪ Occupational health and safety measures are being undertaken and periodic monitoring is being conducted to monitor the dust exposure on the workers &amp; records of the same are maintained as per factory's act including health records of the workers.</li> </ul>																					
11.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval followed by its implementation.	<ul style="list-style-type: none"> <li>▪ As per the eco- developmental plan submitted to the SPCB vide our letter no. SCL/ENV/HARIDWAR/2009-10/11845 dated 21/6/2009; financial assistance to the nearby villages for development of basic infrastructure such as education &amp; medical facilities. Green area covered 38.5% with 9330 nos. of plants in the plant premises. During period from Oct-2020 to Mar-2021, 50 no. plants planted &amp; 40 no. survived.</li> </ul>																					
12.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	<ul style="list-style-type: none"> <li>▪ A separate environmental management cell along with full-fledged laboratory to carry out the various management and environment monitoring functions has been establish in the plant.</li> </ul>																					
13.	The project authorities shall earmark adequate fund to implement the conditions stipulated by the environment impact assessment authority as well as the state government. An implementation schedule for all the conditions stipulated herein shall be submitted to the authority. The funds so provided shall not be diverted for any other purpose.	<ul style="list-style-type: none"> <li>▪ There is always an adequate fund to implement the conditions stipulated by the State Environment Impact Assessment Authority as well as the State Government.</li> <li>▪ Environmental expenditure incurred during Apr-2020 to Mar-2021 is given as under:</li> </ul>																					
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sn</th> <th style="text-align: center;">Heads</th> <th style="text-align: center;">Cost (In Rs. Lacs)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Environment Monitoring &amp; Compliances</td> <td style="text-align: center;">11.74</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Air Pollution Control Equipment Maintenance</td> <td style="text-align: center;">6.32</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Horticulture</td> <td style="text-align: center;">5.60</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Housekeeping and Civil Work</td> <td style="text-align: center;">35.52</td> </tr> <tr> <td style="text-align: center;">5</td> <td>STP (Operation &amp; Maintenance)</td> <td style="text-align: center;">0.17</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>Total</b></td> <td style="text-align: center;"><b>59.35</b></td> </tr> </tbody> </table>	Sn	Heads	Cost (In Rs. Lacs)	1	Environment Monitoring & Compliances	11.74	2	Air Pollution Control Equipment Maintenance	6.32	3	Horticulture	5.60	4	Housekeeping and Civil Work	35.52	5	STP (Operation & Maintenance)	0.17	<b>Total</b>		<b>59.35</b>
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14.	The implementation of the project vis-à-vis environmental action plans shall be monitored by the team of authority. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	<ul style="list-style-type: none"> <li>▪ Full co-operation is being extended to the officials of the authorities during their site visit.</li> <li>▪ Six monthly compliance status report of EC are being sent to State Level Environment Impact Assessment Authority, MOEF&amp;CC Delhi, Regional Office MOEF&amp;CC, Dehradun, CPCB and State Pollution Control Board and also posted on the website of the Company.</li> </ul>
15.	The project proponent shall inform the public that the project has been accorded environmental clearance by the authority and copies of the clearance letter are available with the SPCB may also be seen at Website of the State Board. This shall be advertised within seven days from the date of issue the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the SEIAA and State Board.	<ul style="list-style-type: none"> <li>▪ We had informed public that the project has been accorded the environmental clearance by the Ministry of Environment and Forest, Govt. of India by advertisement in following three newspapers on 13/6/2009: <ul style="list-style-type: none"> <li>▪ Badri Vishal</li> <li>▪ Dainik Hak</li> <li>▪ The Hawk</li> </ul> </li> <li>▪ Copy of the same has been sent to the SEIAA and State Board vides our letter no. SCL/ENV/HARIDWAR/2009-10/11845 dated 21/6/2009.</li> </ul>
16.	The project authorities shall inform the authority as well as the SPCB, the date of financial closure & final approval of the project by the concerned authorities & the date of start of the project.	<ul style="list-style-type: none"> <li>▪ Production started on 02/03/2010.</li> </ul>
17.	The authority may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<ul style="list-style-type: none"> <li>▪ All the conditions of Environment Clearance are being complied.</li> </ul>
18.	The authority reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner shall implement these conditions.	<ul style="list-style-type: none"> <li>▪ Noted, It's jurisdiction of the Authority.</li> <li>▪ All applicable conditions are being complied.</li> </ul>
19.	This Environment clearance is valid for the period of five years from the date of issue of environment clearance or up to commissioning of the project whichever is earlier.	<ul style="list-style-type: none"> <li>▪ The plant had started on 02/03/2010. Yes, for further expansion or modification, we shall take prior approval from the concerned authority.</li> </ul>

**Compliance of Charter on Corporate Responsibility for Environmental Protection for Clinker Grinding Unit of M/s. Shree Cement Limited; Shree Grinding Unit at Village- Akabarpur Oud, Tehsil-Laksar, Distt-Haridwar, Uttarakhand – 247663.**

Sr. No.	CREP Conditions	Compliance Status
Point No. 1	Cement plants, which are not complying with notified standards, shall do the following to meet the standards: - <ul style="list-style-type: none"> <li>▪ Augmentation of existing Air pollution control devices ----- by July 2003</li> <li>▪ Replacement of existing Air pollution control devices ----- by July 2003</li> </ul>	<ul style="list-style-type: none"> <li>▪ Complying with newly notified emission standereds.</li> </ul>
Point No. 2	Cement plants located in the critically polluted or urban areas (including 5 km distance outside urban boundary) will meet 100 Mg/Nm3 limit of particulate matter by December 2004 and continue working to reduce the emission of the particulate to 50 Mg/Nm3.	NA
Point No. 3	The new cement kilns to be accorded NOC/Environmental Clearance w.e.f. 01.04.2003 will meet the limit of 50 mg/Nm3 for particulate matter emissions.	The unit is standalove clinker grinding unit and bag house installed with cement mill main stack and same is designed to meet particulate matter <30 mg/Nm3.
Point No. 4	CPCB will evolve load based standards by December 2003.	Awaited.
Point No. 5	CPCB and NCBM will evolve SO2 and NOx emission standards by June 2004.	The unit is standalove clinker grinding unit henceforth, SO2 and NOx emission standards are not applicable.
Point No. 6	The Cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control of fugitive emissions from limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.	For the control fugitive emissions following measures are taken. <ul style="list-style-type: none"> <li>▪ Dust collectors at all the material transfer points.</li> <li>▪ All concreted roads &amp; vacuum sweeping for better housekeeping.</li> <li>▪ Covered storage for clinker, fly ash &amp; gypsum.</li> <li>▪ Covered conveyer belts for handling of material.</li> <li>▪ Green belt around the plant boundary.</li> <li>▪ Covered unloading hopper with bag dust collector.</li> </ul>
Point No. 7	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum coke as fuel in cement kiln by July 2003.	The unit is standalove clinker grinding unit hence same is not applicable to the unit.

Point No. 8	After performance evaluation of various types of continuous monitoring equipment and feedback from the industries and equipment manufacturers, NTF will decide feasible unit operations/sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring systems (CMS) by December 2003.	Continuous emission monitoring system (CEMS) is installed at cement mill stack and is attached with bag house and data are uploading at CPCB and UKPCB servers.
Point No. 9	Trippings in kiln ESP to be minimized by July 2003 as per the recommendation of NTF.	The unit is standalone clinker grinding unit hence same is not applicable to the unit.
Point No. 10	Industries will submit the target date to enhance the utilization of waste material by April 2003.	As a utilization of waste material fly ash is being used for the manufacturing of Portland Pozzolona Cement (PPC).
Point No. 11	NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.	The unit is standalone clinker grinding unit hence same is not applicable to the unit.
Point No. 12	Cement industries will carry out feasibility study and submit target dates to CPCB for co-generation of power by July 2003.	The unit is standalone clinker grinding unit hence same is not applicable to the unit.



Office &amp; Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.

Contact No.: 9818405427, 9810240678, 8826344487 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

**TEST REPORT****Stack Emission Analysis**

Test Report No : EKO/147/110221

Issue Date : 13/02/2021

Issued To

: SHREE CEMENT LIMITED  
Village - Akabarpur Oud  
Tehsil - Laksar  
Distt - Haridwar (Uttarakhand) - 247663

Sample Description : Stack Emission  
Sample Drawn on : 10/02/2021  
Sample Drawn By : EPEPL (Mr. Harish Kumar)  
Sample Received on : 11/02/2021  
Time of Sampling (Minutes) : 30.0  
Sampling Plan & Procedure : SOP-SE/09  
Analysis Duration : 11/02/2021 To 13/02/2021  
Source of Emission : Cement Mill Stack Attached With Bag House  
Capacity : -  
Operating Load : Normal  
Normal Operation Schedule : As per requirement  
Type of Stack : Metal/Circular  
Diameter of Stack (meter) : 1.63  
Height of Stack from Ground Level (meter) : 45.0  
Height of Stack from Roof Level (meter) : 25.8  
Height of Sampling Location (meter) : 41.0 from Ground level  
Type of Fuel Used : Electricity  
Fuel Consumed per Hour : -  
Ambient Temperature (deg.C) : 18.0  
Stack Temperature (deg.C) : 75.0  
Average Velocity of Flue Emission (m/sec) : 5.9  
Average Flow Rate (lpm) : 23.4  
Control Measures ( if any ) : Bag Filter House  
Remark (if any) : NA

**RESULTS**

S.No.	Parameters	Test Methods	Results	Results (CEMS)	Units	Limits as per Moef Notification dated Aug.25th, 2014
1	Particulate Matter (PM)	IS: 11255 (P-1)	22.0	21.8	mg/Nm <sup>3</sup>	30.0

**Notes :**

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling.  
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issued of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.

**\*\*End of Report\*\***

For EKO PRO ENGINEERS PVT. LTD.  
PURNIMA CHAUHAN  
TECHNICAL MANAGER  
(Authorised Signatory)



Contact : +91 - 9810243870

**EKO PRO ENGINEERS PVT. LTD.**Environmental Consultants and Analytical Laboratory  
(An ISO 9001:2015 Certified Company)Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.  
Contact No.: 9818405427, 9810240678, 8826344487 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT****Ambient Air Quality Analysis**

Test Report No : EKO/141/110221

Issue Date : 13/02/2021

Issued To : SHREE CEMENT LIMITED  
Village - Akabarpur Oud  
Tehsil - Laksar  
Distt - Haridwar (Uttarakhand) - 247663Sample Description : Ambient Air  
Sample Drawn on : 09/02/2021 To 10/02/2021  
Sample Drawn By : EPEPL (Mr. Harish Kumar)  
Sample Received on : 11/02/2021  
Sampling Plan & Procedure : SOP-AAQ/15  
Analysis Duration : 11/02/2021 To 13/02/2021  
Sampling Time : 24 Hrs.  
Ambient Temperature (deg°C) : 18.0  
Average Flow Rate of SPM (m<sup>3</sup>/min.) : 1.1  
Average Flow Rate of Gases (lpm.) : 1.0  
Weather Conditions : Clear  
Remark (if any) : NA**RESULTS**

S.No.	PARAMETERS	TEST METHOD	Sampling Location			Units	LIMITS AS PER CPCB Notification 18th Nov 2009
			Plant Boundary Near Main Gate	Plant Boundary Near CCR Building	Plant Boundary Near Diesel Pump Area		
			RESULT				
1	Particulate Matter (PM <sub>10</sub> )	IS : 5182 (P-23)	58.2	56.8	56.3	µg/m <sup>3</sup>	100.0
2	Particulate Matter (PM <sub>2.5</sub> )	EKO/CHEM/SOP/AAQ-01	40.5	42.4	39.8	µg/m <sup>3</sup>	60.0
3	Sulphur dioxide (as SO <sub>2</sub> )	IS : 5182 (P-2)	14.2	13.5	14.8	µg/m <sup>3</sup>	80.0
4	Nitrogen dioxide (as NO <sub>2</sub> )	IS : 5182 (P-6)	30.5	33.9	31.4	µg/m <sup>3</sup>	80.0
5	Carbon monoxide (as CO)	IS : 5182 (P-10)	0.94	0.98	0.88	mg/m <sup>3</sup>	4.0

**Notes :**

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- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

**\*\*End of Report\*\***

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA CHAUHAN  
TECHNICAL MANAGER  
(Authorised Signatory)

# 801 SHREE CEMENT LTD. LAKSAR

VILLAGE: AKAFARPUR, OLD, TEHSIL- LAKSAR, DISTRICT - HARIDWAR, UTTARAKHAND - 247663  
 NAME OF THE PERSON: SH. KUNDAN SINGH, SR. GENERAL MANAGER (UNIT IN CHARGE)

Coordinates: 29°45'20"N, 78°03'58"E

MONTH: .....

## 1. STACK EMISSION STATUS

LOCATIONS	SOURCES	CEMENT MILL STACK
↓	POLLUTION CONTROL MEASURES	BAG HOUSE
	POLLUTANTS	PM (MG/NM <sup>3</sup> )
	STANDARD PRESCRIBED	30 mg/NM <sup>3</sup>
	FREQUENCY OF MONITORING	MONTHLY
CEMENT MILL BAG HOUSE STACK MONITORING RESULT (PM)		22 (mg/NM <sup>3</sup> )

## 2. AMBIENT AIR QUALITY STATUS

LOCATIONS	FREQUENCY OF MONITORING	TWICE IN A WEEK				
		PARAMETERS	PM 10	PM 2.5	SOX	NOX
↓		STANDARD PRESCRIBED	100 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>
PLANT BOUNDARY NEAR MAIN GATE AREA			52	33	12.3	12.0
PLANT BOUNDARY NEAR CCR BUILDING AREA			44	32	11.1	12.0
PLANT BOUNDARY NEAR DIESEL PUMP AREA			53	34	15.8	16.0

## 3. NOISE LEVEL STATUS

LOCATIONS	FREQUENCY OF MONITORING	ONCE IN A MONTH		
		NOISE LEVEL IN dB (A)	DAY TIME	NIGHT TIME
↓		STANDARD PRESCRIBED	75 dB (A)	70 dB (A)
PLANT BOUNDARY NEAR MAIN GATE AREA			63.5	55.2
PLANT BOUNDARY NEAR CCR BUILDING AREA			62.1	53.8
PLANT BOUNDARY NEAR DIESEL PUMP AREA			63.3	54.8

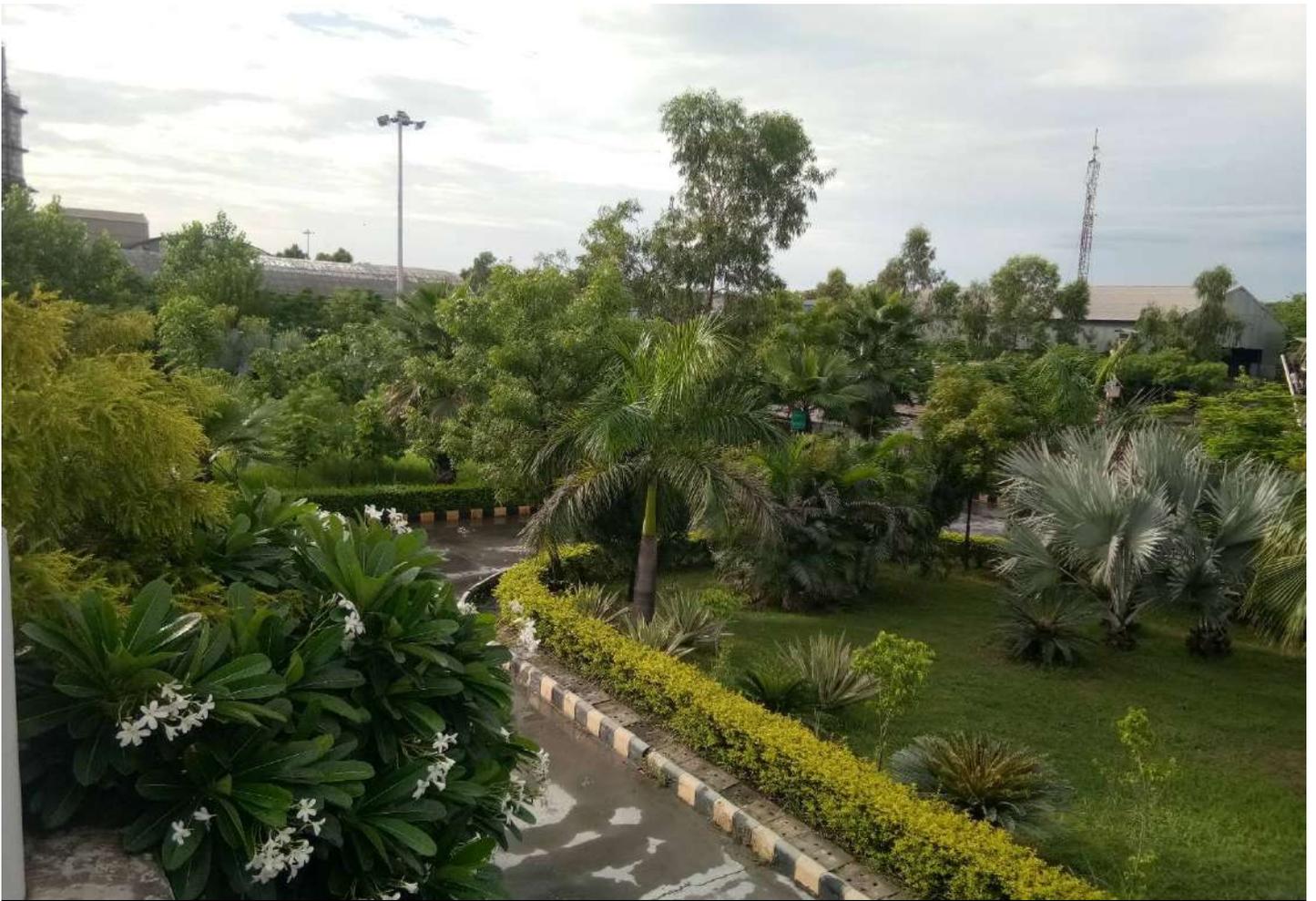
## 4. QUALITY OF DISCHARGED WATER: ZERO DISCHARGE

## 5. GREEN BELT/ PLANTATION

LOCATION	SHREE CEMENT LTD. LAKSAR		
TOTAL PLANT AREA	10.96 HECT.		
PLANTATION REQUIRED	(33% & 3.62 HECT.		
YEARS	No. OF PLANTS PLANTED	AREA COVERED (HECT.)	GREENERY (%)
2009-10	150	0.14	1.23
2010-11	976	0.88	8.01
2011-12	1692	1.52	13.89
2012-13	1862	1.68	15.29
2013-14	1500	—	—
2014-15	1160	—	—
2015-16	220	—	—
2016-17	540	—	—
2017-18	205	—	—
2018-19	285	—	—
2019-20	470	—	—
TOTAL	9660	4.22	38.5

## Details of Plantation along with Photographs













HEAD OFFICE  
Uttarakhand Pollution Control Board  
"Gaura Devi Paryavaran Bhawan"  
46B, IT Park, Sahastradhara Road, Dehra Dun (Uttarakhand)  
Web : www.ukpcb.ug.gov.in, E-mail : nissukpcb@yahoo.com, Phone No.-2976157, 2976158, 2607092

UKPCB/HO/Con-S-191/2021/ 1753

Date : 30/03.2021  
REGD. POST

To,  
M/s Shree Cement Ltd,  
Vill - Akabarpur Oud, Tehsil-Laksar,  
Distt- Haridwar,

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Renewal) under Section-25 of the "Water (Prevention & Control of Pollution) Act, 1974" and under Section-21 of the "Air (Prevention & Control of Pollution) Act, 1981" and Authorization under "Rule-6(2)" of the "Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016" notified under "Environment (Protection) Act, 1986" as applicable (to be referred hereinafter as Water Act, Air Act and HW Rules respectively).

CAF ID - 7113 CCA (Renewal) Date : 11.03.2021	Application no.-891029
---	------------------------

CCA is hereby granted to M/s Shree Cement Ltd located at Vill - Akabarpur Oud, Tehsil, Laksar, Distt- Haridwar, Uttarakhand – 247663 subject to the provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the orders that may be made further and subject to following terms and conditions :-

1. This CCA is granted for a period upto 31.03.2026 and valid for manufacturing of following products with Capital Investment / Net Assets Values ₹ 14000 lacs :-

S. No.	Last CCA		Present CCA (Renewal)	
	Product	Quantity (Per Month)	Product	Quantity (Per Month)
1	Cement	181818 MT	Cement	181818 MT

2. Specific Conditions under Water Act :

- (i) The daily quantity of effluent discharge (KLD) :-

	Last CCA	Present CCA (Renewal)
Trade Effluent	Nil	Nil
Sewage	20	20

- (ii) Trade Effluent Treatment and Disposal: .....NA.....

- (iii) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality.

*In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.*

- (iv) The treated sewage shall be reuse in gardening and the same shall be maintained continuously so as to achieve the quality of the treated effluent to the following standards within five years from the date of notification dated 13.10.2017.

S.No.	Parameters	Standards
1	pH	6.5 to 9.0
2	BOD (mg/L)	Not more than 30
3	TSS (mg/L)	Not more than 100
4	Fecal Coliform (MPN/100ml)	Less than 1000

### 3. Conditions under Air Act :-

- (i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as is required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards :-

S. No	Stack attached with	Stack height (Mt)	Type of Fuel	Fuel Quantity	Emission Control Equipment	Emission standards not to exceed
1	DG Set (750KVA) x 1	18	Diesel	160 Ltrs/Hr	Acoustic Enclosure	-
2	DG Set (1000KVA) x 1	16	Diesel	150 Ltrs/Hr	Acoustic Enclosure	-

*In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.*

- (ii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day time	Night time	Day time	Night time	Day time	Night time	Day time	Night time
	75	70	65	55	55	45	50	40

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

### 4. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 :-

- (i) The Factory Manager of M/s Shree Cement Ltd, Haridwar is hereby granted an authorization to operate a facility for collection and storage of Hazardous wastes.
- (ii) The authorization is granted to operate a facility for generation, collection and storage of hazardous wastes within factory premises for following category of wastes :-

S.No.	Category (Schedule-I & Schedule-II)	Quantity of Waste for which authorization is being issued (MTA)	Mode of Disposal
1	Schedule I – 5.1	10.00	Recyclable
2	Schedule I – 5.2	10.00	As per Rules.

- (iii) The authorization shall be in force for a period upto 31.03.2026.
- (iv) The authorization is subject to the conditions stated below and such conditions as may be specified in the rules for the time being in force under Environment (Protection) Act, 1986.

#### Terms and conditions of authorization:

- (i) The authorization shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made thereunder.
- (ii) The authorization and its renewal shall be produced for inspection at the request of an officer authorized by the SPCB/PCC.

- (iii) The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the SPCB/PCC.
  - (iv) Any unauthorized changes in personnel, equipment as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
  - (v) It is the duty of the authorized person to take prior permission of the SPCB/PCC to close down the facility.
  - (vi) An application for the renewal of an authorization shall be made as laid down under these rules.
  - (vii) The unit shall comply with any other conditions specified in the guidelines issued by the MoEF&CC or CPCB/SPCB from time to time.
5. This CCA is valid for manufacturing of Cement by Mixing, Grinding & Packaging processes only.
  6. **Compulsory documents to be submitted by the Industry/Unit :-**
    - (i) Annual return in Form-4 and Waste Disposal Manifest in Form-10 under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Third Party Audit Report.
    - (ii) Environment Statement in Form-V of Environment (Protection) Rules, 1986.
    - (iii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.
  7. Unit has to apply for renewal of CCA well in advance of 60 days of expiry of this CCA.
  8. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.
  9. Unit has to comply with the other general conditions as annexed herewith. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will result in legal action under the aforesaid Acts and Rules.

  
Member Secretary

Copy to: Regional Officer, Uttarakhand Pollution Control Board, Roorkee, Haridwar for information and compliance of the same.

  
Environment Engineer



**Specific Conditions:**

1. The applicant shall submit audited balance sheet of the unit at the end of each financial year so that fee submitted by the applicant could be assessed.
2. The applicant shall provide ports in the chimney/stack and facilities such as ladder, platform etc. as per requirement for monitoring the air emissions and the same shall be open for inspection and use at all times by the Board's staff. The chimney/stack attached to various sources of emission shall be designated by numbers such as S-1, S-2 etc. and these shall be painted/ displayed to facilitate identification.
3. The industry shall ensure interlocking of air pollution control devices and production processes.
4. Solid wastes generated from the industry has to be disposed in manner so that contamination of surface water bodies/ground water/soil etc. does not take place.
5. The industry shall take adequate measures to control of noise from its own source so as to comply with the standards as may be applicable.
6. The applicant shall develop three rows of green belt on the premises with plant species as suggested by the **Central Pollution Control Board**.
7. The industry shall strictly adhere with the specific and general conditions issued with CCA order. Any violation of stipulated conditions may attract legal action under the provisions of **Water Act, Air Act and Environment (Protection) Act and Rules** made thereunder.
8. The industry shall ensure **all safety measures** and shall undertake **periodical assessment** by the competent authority.
9. Unit shall ensure manifest system in **Form-10 of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016** while disposing hazardous waste.
10. Hazardous waste should not be stored beyond a period of **90** days.
11. The industry situated nearby the River Ganga and its tributaries shall ensure the treatment facilities and disposal arrangement in such a way so that no waste water is discharged in water stream or water bodies.
12. The Unit shall comply the "Approved Fuels" policy in the entire state of Uttarakhand and use the fuel as per the list of Approved Fuels listed in the order issued by the Board vide its letter no. UEPPCB/HO/Gen-183-426/2020/171-331 dated 17.07.2020.
13. The unit shall strictly comply with the provisions of Water, Air & E (P) Acts and Rules/Notifications made thereunder.

**General Conditions**

1. The applicant shall get analyse the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF&CC and shall report to the UKPCB.
2. The applicant shall however, not without the prior consent of the **Board** bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.
3. Treated waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.
4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If, at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the **Board**, legal action shall be initiated against the applicant.
5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof.
6. The industry shall provide uninterrupted entry to the STP's/ETP's inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control measures.
7. The industry shall provide "Inspection Book" at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.

10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point.
12. The **Board** reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.
13. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous waste without obtaining prior permission of the **Board**.
14. Any unauthorized change in personnel, equipment as working condition as mentioned in the application by the person authorized shall constitute a breach of his authorization.
15. It is the duty of the authorized person to take prior permission of the **Board** to close down the facility.
16. The authorization is valid for temporary storage of Hazardous Waste within premises only.
17. The authorized agency shall ensure that on-line data with regard to quantity and nature of hazardous chemicals being used in the plant as well as air emission and waste generated within premises is displayed on **Display Board of size 6x4 feet** outside the main factory gate within premises.
18. It is duty of the authorized person to take prior permission of this Board to close and cleanup the facility for treatment, storage and disposal of hazardous waste.
19. The applicant shall maintain record of hazardous waste in **Form-3** and shall submit annual return in **Form-4** on or before the 30<sup>th</sup> day of June following to the financial year to which that return relates.
20. In no case any hazardous waste shall be disposed off on land, in any drain, or into any water stream. All spillage must also be safely collected and stored.
21. Before the hazardous waste is stored or dumped in the facility, applicant must conduct a detailed **physical and chemical analysis of hazardous waste sample** and report to the **Board**.
22. Dried hazardous sludge from the process in the plant shall be **stored in double lined HDPE pit constructed with R.C.C. or such material which does not react with the waste contained in it.**
23. The storage area should be fenced properly and Sign/Notice Board indicating 'Danger' and '**Hazardous**' shall be displayed at appropriate position both in Hindi and English.
24. The industry shall store non-ferrous metal waste, used oil/spent oil waste in sealed drums placed on impervious floor under covered shed. Hazardous waste if required shall be **sold only to Registered Recyclers/Re-processors.**
25. In case of any transportation of hazardous waste, the details in **Form-10** of the **Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016** shall be submitted to the **Board**.

  
Environment Engineer



Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.  
Contact No.: 9818405427, 9810240678, 8826344487 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

## TEST REPORT

### Noise Monitoring

Test Report No : EKO/142/110221

Issue Date : 13/02/2021

Issued To : SHREE CEMENT LIMITED  
Village - Akabarpur Oud  
Tehsil - Laksar  
Distt - Haridwar (Uttarakhand) - 247663

Sample Description : Ambient Noise  
Sample Drawn on : 09/02/2021 To 10/02/2021  
Sample Drawn by : EPEPL (Mr. Harish Kumar)  
Sample Received on : 11/02/2021  
Sampling Plan & Procedure : SOP-N/01  
Environmental Condition : Normal  
Analysis Duration : 11/02/2021 To 12/02/2021  
Remark (if any) : NA

### RESULTS

S. No.	Parameters	Test Methods	Sampling Location			Units	Limits as per "The Noise Pollution (Regulation & Control) Rules, 2000"
			Plant Boundary Near Main Gate	Plant Boundary Near CCR Building	Plant Boundary Near Diesel Pump Area		
1	Leq ( Day time )	EKO/CHEM/SOP/S/N-01	64.8	62.1	60.6	dB (A)	75.0
2	Leq (Night time )	EKO/CHEM/SOP/S/N-01	52.4	50.9	48.2	dB (A)	70.0

#### Notes :

1. The results given above are related to the tested sample, as received & mentioned parameters.  
The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. Responsibility of the Laboratory is limited to the invoiced amount only.

**\*\*End of Report\*\***

For EKO PRO ENGINEERS PVT. LTD.  
\* PURNIMA CHAUDHARI  
TECHNICAL MANAGER  
(Authorised Signatory)

Design Details along with Photographs of RWH

<b>SHREE CEMENT LTD., ROORKEE</b>		
<b>Rain water Harvesting Structure Detail &amp; Dimensions</b>		
<b>Sl. No.</b>	<b>Particulars</b>	<b>Detail</b>
<b>1</b>	Depth of Open Well	40-45 Meter
<b>2</b>	Depth of Piezometer Well	40 Meter
<b>3</b>	Dia (mm) of Piezometer Well	8 Inch
<b>4</b>	Water Level	3-6 Meter
<b>Dimension of RWH</b>		
<b>1</b>	Disilting Pit Size	Length = 5.85 mtr.
		Width = 2.64 mtr.
		Depth = 2.1 mtr.
<b>2</b>	Filter Pit Size	Length = 2.65 mtr.
		Width = 2.61 mtr.
		Depth = 2.2 mtr.

