

CHETTINAD CEMENT CORPORATION PRIVATE LIMITED,

SEETHAI NAGAR LIMESTONE MINES, GO.81

Alambai, Mallapuram and Karikkali Village, Dindigul District, Tamilnadu - 624703

Compliance of Conditions For Seethai Nager Mines GO.81, Renewal Consent Order Issued By
TNPCB Under Water Act Consent Order No.1808112396242 Dated: 14.08.2018

SPECIAL CONDITIONS

S. No	Special Conditions	Status of Compliance																												
1	<p>This renewal of consent is valid for operating the facility for the manufacture of products (Col.2) at the rate (col.3) mentioned below. Any change in the product its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.</p> <table><tr><th>Sl. No</th><th>Description</th><th>Quantity</th><th>Unit</th></tr><tr><td colspan="4">Product details</td></tr><tr><td>1.</td><td>Mining of limestone over an area of 251.59 Hec</td><td>3.00</td><td>MTPA (Million Tons / Annum)</td></tr><tr><td colspan="4">By- Product details</td></tr><tr><td>1.</td><td>Nil</td><td>0</td><td>NA</td></tr><tr><td colspan="4">Intermediate Product details</td></tr><tr><td>1.</td><td>NIL</td><td>0</td><td>NA</td></tr></table>	Sl. No	Description	Quantity	Unit	Product details				1.	Mining of limestone over an area of 251.59 Hec	3.00	MTPA (Million Tons / Annum)	By- Product details				1.	Nil	0	NA	Intermediate Product details				1.	NIL	0	NA	<p>Complied</p> <p>There is no change in the product / production capacity mentioned in the consent order.</p> <p>If any change in the product / production capacity will be brought to the notice of the Board and fresh consent will be obtained.</p>
Sl. No	Description	Quantity	Unit																											
Product details																														
1.	Mining of limestone over an area of 251.59 Hec	3.00	MTPA (Million Tons / Annum)																											
By- Product details																														
1.	Nil	0	NA																											
Intermediate Product details																														
1.	NIL	0	NA																											
2	<p>This consent to operate is valid for operating the facility with the below mentioned permitted outlets for the discharge of sewage / trade effluent. Any change in the outlets and the quantity has to be brought to the notice to the Board and fresh consent has to be obtained.</p> <table><tr><th>Out let No.</th><th>Description of Outlet</th><th>Maximum Discharge (in KLD)</th><th>Point of Disposal</th></tr><tr><td colspan="4">Effluent Type : Sewage</td></tr><tr><td>1</td><td>Sewage</td><td>8.0</td><td>On Industry own land</td></tr><tr><td colspan="4">Effluent Type : Trade Effluent</td></tr><tr><td></td><td>NIL</td><td></td><td></td></tr></table>	Out let No.	Description of Outlet	Maximum Discharge (in KLD)	Point of Disposal	Effluent Type : Sewage				1	Sewage	8.0	On Industry own land	Effluent Type : Trade Effluent					NIL			<p>Complied</p> <p>1. Sewage: No change in the sewage generation and point of disposal.</p> <p>2. Trade Effluent : No trade effluent generated from the mining activities</p>								
Out let No.	Description of Outlet	Maximum Discharge (in KLD)	Point of Disposal																											
Effluent Type : Sewage																														
1	Sewage	8.0	On Industry own land																											
Effluent Type : Trade Effluent																														
	NIL																													

ADDITIONAL CONDITIONS

S. No	Additional Conditions	Status of Compliance
1	The unit shall ensure that no trade effluent shall be generated from its activities.	Complied <i>No trade effluent generated from the mining activities.</i>
2	The unit shall not use 'use and throwaway plastics' such as plastic sheets used for food wrapping spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, with in the industry premises. Instead it shall encourage use of eco friendly alternative such as banana leaf, areca nut palm plate, stainless steel, glass, porcelain plates/cups, cloth bags, jute bag etc.,	Complied <i>As per Board directions, we are not using any throwaway plastics such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises.</i> <i>Sign Boards were provided in all the places to create awareness among employees and surrounding villages.</i>  <i>Plastic awareness display Boards</i>

Compliance of conditions for Seethaai Nagar Mines, GO.81 renewal of consent order issued by TNPCB under Air Act Consent order no. 1808212396242 dated: 14.08.2018 **SPECIAL CONDITIONS**

Sl. No	Special Conditions				Status of Compliance
1	This renewal of consent is valid for operating the facility for the manufacture of products (Col.2) at the rate (col.3) mentioned below. Any change in the product its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.				Complied <i>There is no change in the product / production capacity mentioned in the consent order.</i> <i>If any change in the product / production capacity will be brought to the notice of the Board and fresh consent will be obtained.</i> Intermediate Product details
Sl. No	Description	Quantity	Unit		
Product details					
1.	Mining of limestone over an area of 251.59 Hec	3.00	MTPA (Million Tons / Annum)		
By- Product details					
1.	Nil	0	NA		
Intermediate Product details					
1.	NIL	0	NA		

Sl. No	Special Conditions	Status of Compliance
2	This renewal of consent is valid for operating the facility with the below mentioned emission / noise sources along with the control measures and / or stack. Any changes in the emission sources / control measures / changes in stack height has to be brought to the notice of the Board and fresh consent / Amendment has to be obtained	<p>Complied</p> <p><i>There is no change in the stack height and control measures mentioned in the consent order.</i></p> <p><i>If any change in stack height and control measures will be brought to the notice of the Board and fresh consent will be obtained.</i></p>

Additional Conditions

Sl. No	Additional Conditions	Status of Compliance
1	The unit shall operate and maintain the APC measures efficiently and continuously so as to adhere to the AAQ / Emission Standards prescribed by the Board.	<p>Complied</p> <p><i>Water sprinkling arrangement provided to control the fugitive emission in haul roads in the mines.</i></p> <p><i>The ROA of the AAQ survey conducted on 26.02.2020 reveals that the $PM_{2.5}$ is in the range of $24\mu g/m^3$ to $32\mu g/m^3$ which is below the prescribed limit of $60\mu g/m^3$ PM_{10} is in the range of $43\mu g/m^3$ to $58\mu g/m^3$ which is below the prescribed limit of $100\mu g/m^3$ and SO_2 is in the range of $17\mu g/m^3$ to $24\mu g/m^3$ and NO_2 is in the range of $22\mu g/m^3$ to $30\mu g/m^3$ which is below the prescribed limit of $80\mu g/m^3$.</i></p>
2	The unit shall adhere to the Ambient Noise Level standards prescribed by the Board.	<p>Complied</p> <p><i>The appropriate and required control measures viz., acoustic hoods, silencers, enclosures have been provide to control noise emission. These ambient noise levels confirmed to the standards prescribed viz., 75dB(A) for the day time and 70dB(A) for the night time.</i></p> <p><i>The ROA of the survey conducted on 26.02.2020 reveals that the Noise level of Leq in the range of 38.8 dB(A) to 51.8 dB(A) which is below the prescribed limit.</i></p>

Sl. No	Additional Conditions	Status of Compliance
3	The unit shall operate and the water sprinklers effectively to suppress the dust generated during mining, crushing and vehicle movements.	<p>Complied <i>Water sprinkling arrangement provided to control the fugitive emission in haul roads in the mines.</i></p> <p><i>The ROA of the AAQ survey conducted on 26.02.2020 reveals that the $PM_{2.5}$ is in the range of $24\mu g/m^3$ to $32\mu g/m^3$ which is below the prescribed limit of $60\mu g/m^3$ PM_{10} is in the range of $43\mu g/m^3$ to $58\mu g/m^3$ which is below the prescribed limit of $100\mu g/m^3$ and SO_2 is in the range of $17\mu g/m^3$ to $24\mu g/m^3$ and NO_2 is in the range of $22\mu g/m^3$ to $30\mu g/m^3$ which is below the prescribed limit of $80\mu g/m^3$.</i></p> <p><i>Water sprinkling arrangement provided to control the fugitive emission in haul roads in the mines and Crushers.</i></p> 
4	The haul roads in the mines shall be adequately water sprayed.	<p>Complied <i>Water sprinkling arrangement provided to control the fugitive emission in haul roads in the mines.</i></p> 
5	The unit shall continue to develop green belt in around the plant premises.	<p>Complied <i>Greenbelt is being developed in and around the mines.</i></p>

Sl. No	Additional Conditions	Status of Compliance
6	The unit shall furnished exact greenbelt area earmarked / developed as per norms in the unit premises and furnish photographs along with Latitude and Longitude co-ordinates.	<p>Complied</p> <p><i>Tree Plantation details :</i></p> <p>Total Area of Mine : 251.59 ha</p> <p>Green belt developed : 10.69 ha</p> <p>Number of saplings planted : 14734</p> <p>Tree density : 1378 per ha</p> <p>Balance area/ Balance trees to be planted : 4.45 ha/8500</p> <p>Target Date to complete Greenbelt Development : By 2030 (at the time of partial reclamation of mined pits)</p> <p>The balance mined out areas will be used as reservoir to harvest rainwater.</p>  <p>Longitude: 78°05'63.87"E -78°06'97.66"E Latitude : 10°71'15.83"N -10°72'03.27"N</p>

for CHETTINAD CEMENT CORPORATION PRIVATE LIMITED

V. Krishnan

V.KRISHNAN
SENIOR VICE PRESIDENT [WORKS]

Date : 10.07.2020

