CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 & Amendments thereof and the rules and orders made there under (hereinafter referred to as 'the Acts', `the Rules’) to:

M/s. Shree Cement Limited (Lime Stone Mining),
Inuparajupalli & Kachavaram Villages,
Karempudi Mandal, Guntur District, A.P.
Email: bhargavar@shreecementltd.com

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

(i) Outlets for discharge of effluents:

<table>
<thead>
<tr>
<th>Outlet No.</th>
<th>Outlet Description</th>
<th>Max Daily Discharge</th>
<th>Point of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Work shop &amp; vehicle washing</td>
<td>10 KLD</td>
<td>After treatment, shall be reused in the crusher for dust suppression.</td>
</tr>
<tr>
<td>2</td>
<td>Domestic</td>
<td>10 KLD</td>
<td>Septic tank followed by soak pit</td>
</tr>
</tbody>
</table>

(ii) Emissions from chimneys:

<table>
<thead>
<tr>
<th>Chimney No.</th>
<th>Description of Chimney</th>
<th>Quantity of Emissions at peak flow (m³/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stack attached to Lime stone crusher – 1200 TPH</td>
<td>--</td>
</tr>
</tbody>
</table>

(iii) Hazardous Waste Authorisation (Form – II) [See Rule 6 (2)]:

M/s. Shree Cement Limited (Lime Stone Mining), Guntur District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

- **Hazardous Wastes With Disposal Option:**

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of Hazardous Waste</th>
<th>Stream</th>
<th>Quantity</th>
<th>Method of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Waste/Used Oil</td>
<td>5.1 of Schedule – I</td>
<td>100 Lt /Annum</td>
<td>To authorized Recyclers/Re-processors.</td>
</tr>
<tr>
<td>2</td>
<td>Used lead acid batteries</td>
<td>--</td>
<td>20 Nos./Annum</td>
<td>Returned to manufactures on buy back policy.</td>
</tr>
</tbody>
</table>

This consent order is valid for the following products along with quantities indicated only:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Product</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lime Stone Mining</td>
<td>3.6 Million TPA</td>
</tr>
</tbody>
</table>

This order is subject to the provisions of ‘the Acts’ and the Rules’ and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.
This combined order of consent & Hazardous Waste Authorization shall be valid for a period ending with the 30th September, 2024.

To
M/s. Shree Cement Limited (Lime Stone Mining),
Inuparajupalli & Kachavaram Villages,
Karempudi Mandal, Guntur District, A.P.
Email: bhargavar@shreecementltd.com

Copy to:
1. The JCEE, ZO: Vijayawada for information.
2. The EE, RO: Guntur for information and necessary action.

SCHEDULE-A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.

2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.

3. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.

4. The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.

5. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.

6. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

7. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.

8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
## SCHEDULE-B

### Water:

1. The industry shall comply the following effluent standards based on the disposal points permitted:

<table>
<thead>
<tr>
<th>Outlet</th>
<th>Parameter</th>
<th>Concentration in mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pH</td>
<td>5.5 – 9.00</td>
</tr>
<tr>
<td></td>
<td>TSS</td>
<td>200.00 mg/l</td>
</tr>
<tr>
<td></td>
<td>Oil &amp; Grease</td>
<td>10 mg/l</td>
</tr>
<tr>
<td></td>
<td>BOD</td>
<td>20 mg/l</td>
</tr>
</tbody>
</table>

2. The source of water is Bore well and the permitted water consumption is as follows:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Purpose</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dust suppression</td>
<td>90 KLD</td>
</tr>
<tr>
<td>2.</td>
<td>Crusher</td>
<td>10 KLD</td>
</tr>
<tr>
<td>3.</td>
<td>Workshop &amp; vehicle washing</td>
<td>15 KLD</td>
</tr>
<tr>
<td>4.</td>
<td>Plantation</td>
<td>20.0 KLD</td>
</tr>
<tr>
<td>5.</td>
<td>Domestic</td>
<td>15.0 KLD</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>150 KLD</strong></td>
</tr>
</tbody>
</table>

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.

### Air:

3. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10 µm) - 100 µg/ m³; PM2.5 (Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO2 - 80 µg/ m³; NOx - 80 µg/m³, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels:

- **Day time** (6 AM to 10 PM) - 75 dB (A)
- **Night time** (10 PM to 6 AM) - 70 dB (A)


5. Ambient air quality monitoring stations shall be provided in core and buffer zone in down windward direction in consultation with concerned Regional Officer of APPCB for monitoring of PM2.5, PM10, SO2, NOX. The consolidated report of the same shall be submitted.

6. The proponent shall comply with the following for controlling fugitive emissions.

- **Machineries** shall be properly maintained to prevent undesirable noise. Attention shall be paid towards rigorous maintenance of the silencers of diesel engines
- **Surface drilling and blasting operations** shall not be carried out at night.
- **The drilling shall be done** with sharp drilling bits to reduce the generation of noise during drilling
- **Controlled blasting with optimum charge per hole** shall be practiced to reduce generation of noise
- **Hydraulic rock beaker** shall be used in lieu of secondary blasting
- **Drill machine operators and dumper drivers** shall be equipped with earplugs and earmuffs. The duty hours of operators working near the machinery shall be regulated to keep their noise exposure levels within limits
- **Periodical monitoring of noise level of mining machines** and at some locations in the mining site shall be done with the help of noise level meter.
• De-dusting system will be provided at screening & crushing plant at stipulated in the EC Order.

• Atomized water sprinkling system (Automatic) shall be provided at crusher hopper (Unloading point) as stipulated in the EC Order.

General:

(i) The industry shall develop thick Green Belt all around the Mine area within the periphery of buffer area (7.5 meters).

(ii) The industry shall complete development of green belt 15.5 hectares by 5 years, duly complying the development of the green belt 3.1 hectares per year.

(iii) The industry shall maintain minimum 175 meters of buffer towards the Inparajupalli village habitation and shall develop thick green belt within the left over land.

(iv) The industry shall adopt Shock Tube detonator technique during lime stone blastings and shall take all necessary measures to minimize the blasting effect in the surrounding environment and habitation to achieve minimum vibrations.

(v) The industry shall back fill the over burden of 0.77 Million Tones within the designated mine area generated during the mining activity.

(vi) The industry shall provide water sprinkling arrangements along the roads.

(vii) The industry shall provide conveying system for material transfer from crusher to main cement plant.

(viii) The mining activity shall adopt wet drilling method for placing the explosives.

(ix) The industry shall provide garland drain around the mine lease area and shall divert storm water outside the mining area and shall provide rain water harvesting for the rain water is collected in mine area.

(x) The industry shall provide CAQQM stations and shall be placed at representative locations.

7. The industry shall maintain the records related to quantity of over burden excavated, lime stone mined out, extent of greenbelt developed and Hazardous waste generated and disposed from work shop etc.

8. The natural drainage of water should be maintained. Dump sites should not cross any streams, water flow from the mining lease area, even during the monsoon, should be free of suspended matters and conform to prescribed water quality standards.

9. Dumping of over burden, if done, should use the retreating pyramid bench formation with concurrent, physical and biological reclamation. Dumps should be contoured and provided with relief control and stabilized. Dump tops shall be compacted, leaved and be properly drained.

10. Soil binding and nitrogen fixing plants shall plant in the mining lease area. Biological reclamation should be done in two phases, the first phase shall be paint appropriate quick growing grass and shrubs and the second phase shall grow slower growing native shrubs and trees.

11. Check dams and filter beds shall be constructed to protect from stream runoffs.

12. Ground water tables levels shall be monitored every season. Any lowering of ground water table in comparison to the previous seasons should be reported to Board immediately. Discarded pits should be allowed to fill with water.

13. Vehicles should be well maintained and engine idling should be minimized. Vehicle cabs Shall be made dust-proof.

14. Drills should be water-jacketed. Local exhaust ventilation systems should be installed at dust generation points and the dust is led to a dust collection system.
15. An environmental policy statement which spells out the overall environmental management philosophy and the thrust programs for the next two years should be prepared and submitted to the board and circulated to the people in habitats in a 10 Km radius around the plant and mines.

16. The industry shall undertake suitable artificial recharge measures in the project area for augmentation of ground water resources.

17. The industry shall ensure that no natural water course shall be obstructed due to any mining operations.

18. Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, greenbelt development, etc. The drains shall be regularly desilted, particularly after monsoon and maintained properly.

19. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and inter burden dumps and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.

20. The proponent has to provide a trench for storm water draining from the mine lease area to aid in preventing the sedimentation of silt and avoid siltation at the discharge end of check dams.

21. The proponent shall comply with the following for controlling fugitive emissions.
   - The drilling machine shall be equipped with dust collecting or water injection system.
   - Water spraying shall be done on the blasted muck pile before loading by excavator to suppress the dust.
   - To control dust from drilling operations, drilling with dust collectors/wet drilling shall be practiced. Also drill speeds shall be regulated as per manufacturer’s guidelines.
   - Spread of dust from blasting shall be somewhat checked by use of suitable explosives, and overcharging of blast holes will be avoided.
   - Regular Water spraying shall be done on haul roads and during unloading at crusher hopper to suppress the dust effectively.
   - Over loading of transport equipment shall be prevented in order to stop spillage.
   - Development of green belt/plantation around crushing plant on the sides of approach roads, around office complex, and workshop area to arrest dust.

22. The proponent shall develop green belt of width 7.5 m all along the boundary of the mine lease area OB dumps, along the roads etc., by planting the native species in consultation with the local DFO.

23. The proponent shall explore the possibility to convert mined area into a reservoir by plugging the leakages.

24. The industry shall provide water sprinkling arrangements at the lime stone crusher and shall take all necessary measures for minimizing the fugitive dust emissions.

25. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, GoI vide notification No. GSR 826(E), dated. 16.11.2009 during regular operational phase of the mining activity.

26. The industry shall comply with standards and directions issued by CPCB / MoEF&CC as and when notifications are issued.

27. The industry shall submit compliance report on the conditions mentioned in the consent order every six months i.e., on 1st of January and July of every year to the Regional Office/ Zonal Office.
1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

2. The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.

3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.

4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.

5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;

6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on “Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty”.

7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.

8. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.

9. An application for the renewal of an authorisation shall be made as laid down under these Rules.

10. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

11. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

12. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

13. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.

14. The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.

15. The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in Form-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form-4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

To
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