



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Tamil Nadu)

To,

The Sr. General Manager
DALMIA BHARAT GREEN VISION LIMITED
11th -12th Floor, Hansalaya building, 15, Barakhamba Road -110001

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/TN/IND/75381/2021 dated 19 Apr 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. EC Identification No. | EC22B009TN138448 |
| 2. File No. | 8848 |
| 3. Project Type | New |
| 4. Category | B1 |
| 5. Project/Activity including Schedule No. | 3(b) Cement plants |
| 6. Name of Project | Proposed Standalone Grinding Unit "Meenakshi Cement Works" (2x2.5 Million TPA- OPC/ PPC / PSC / PCC) located at villages Mulliseval & Peddureddipatti, Tehsil Sattur, District Virudhunagar, TamilNadu by Dalmia Bharat Green Vision Ltd. |
| 7. Name of Company/Organization | DALMIA BHARAT GREEN VISION LIMITED |
| 8. Location of Project | Tamil Nadu |
| 9. TOR Date | 27 Jan 2022 |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 18/06/2022

(e-signed)
Tmt.P.RAJESWARI,IFS
Member Secretary
SEIAA - (Tamil Nadu)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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TMT. P. RAJESWARI, I.F.S.,
MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY – TAMIL NADU

3rd Floor, Panagal Maaligai,
No.1 Jeenis Road, Saidapet,
Chennai-15.

Phone No.044-24359973

Fax No. 044-24359975

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA/TN/F. 8848/EC/ 3(b)/97/2021 dated.14.06.2022.

Sir,

Sub: SEIAA, TN – Environmental Clearance for the proposed standalone grinding unit “Meenakshi Cement Works 2x2.5 MTPA; OPC/PPC/PSC/PCC at S.F.NO. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20- 26, 27-34, 35-39 & 66, Mulliseval Village and Parts of 333 of Peddureddipatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by M/S. Dalmia Bharat Green Vision Limited under Category “B 1” and schedule S.No. 3(b) all stand alone grinding units (cement plants). - Environmental Clearance Issued - Regarding.

- Ref: 1. ToR granted vide MoEf&CC Lr.F.No. J-110111/532/2021-1A-II(IND-1)
Dated.27.1.2022
2. Minutes of the 250th SEAC meeting held on 03.03.2022
3. Public Hearing conducted dated: 30.03.2022
4. Your application for Environmental Clearance (EIA) dated: 26.04.2022.
5. Minutes of the 275th SEAC meeting held on 20.05.2022
6. Minutes of the 520th SEIAA meeting held on 14.06.2022

This has reference to your application under reference 4th cited, wherein you have submitted proposal seeking Environmental Clearance for the proposed standalone grinding unit “Meenakshi Cement Works 2x2.5 MTPA; OPC/PPC/PSC/PCC at S.F.NO. Parts of 1-6,


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8, 9, 12, 13, 17, 19, 20- 26, 27-34, 35-39 & 66, Mulliseval Village and Parts of 333 of Peddureddipatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by M/S. Dalmia Bharat Green Vision Limited under Category “B 1” and schedule S.No. 3(b) all stand alone grinding units (cement plants) of EIA Notification, 2006 as amended.

S.No	Description	Details												
1.	Name of the Project	Proposed standalone grinding unit “Meenakshi Cement Works 2x2.5 MTPA; OPC/PPC/PSC/PCC By M/s. Dalmia Bharat Green Vision Limited												
2.	Location	S.F.No. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20- 26, 27-34, 35-39 & 66, Mulliseval Village and Parts of 333 of Peddureddipatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu NE 09°16'50.47"N - 77°55'26.34"E NE 09°16'06.82"N - 77°55'19.90"E NE 09°16'13.60"N - 77°55'13.20"E NE 09°16'29.52"N - 77°55'07.79"E												
3.	Type of Project	Cement plants Schedule 3 (b): <1.0 million tonnes/annum production capacity. All Stand alone grinding units												
4.	New Project/ Expansion New	New												
5.	Product Details	Cement 2x2.5 MTPA; OPC/PPC/PSC/PCC												
6.	Total land Area (Ha)	52.41 ha (26.47 ha to be utilized for proposed project) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Land for</th> <th>Area, Ha</th> <th>Coverage, %</th> </tr> </thead> <tbody> <tr> <td>Plant Area</td> <td>4.84</td> <td>9.24</td> </tr> <tr> <td>Road</td> <td>0.53</td> <td>1.01</td> </tr> <tr> <td>Truck Parking</td> <td>2.30</td> <td>4.39</td> </tr> </tbody> </table>	Land for	Area, Ha	Coverage, %	Plant Area	4.84	9.24	Road	0.53	1.01	Truck Parking	2.30	4.39
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		Railway Siding	6.15	11.74			
		Greenbelt	17.30	33.00			
		Vacant Area for Solar Plant, RWH, etc.	21.29	40.62			
		Total	52.41	100.00			
7.	Cost of Project	Rs.765.00 Crores (Rs.404.00 crores for Line-I & Rs.361.00 crores for Line-II)					
8.	Brief description of the project	M/s. Dalmia Bharat Green Vision Limited has proposed a Stand Alone Cement Grinding Unit at Mulliseval Village and Peddureddipatti Villages of Sattur Taluk, Virudhunagar District, Tamil Nadu State with a Production Capacity of 5.0 MTPA, in Phases, (Lines I&II of each 2.5 MTPA capacity).					
9.	Raw Materials along with Source and mode of Transportation:						
	Raw material	Quantity Required MTPA for each line			Source	Distance	Mode of Transportation
	Clinker	2.375	1.550	0.800	0.900	Integrated cement plant of the group at Dalmiyapuram Ariyalur Kadappa and open market	250-700km Rail & Road
	Gypsum	0.125	0.075	0.075	0.50.0	SPIC Thoothukudi	70km Road
	Fly ash	-	0.875	-	0.850	Tuticorin TPSs	70km Road
	Slag	-	-	1.625	0.700	Jindal Steel salem	250km Road
10.	Unit Configuration and capacity of proposed site:						
	S.No	Plant Equipment/Facility			Proposed Configuration and capacity		


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	1	Cement grinding Unit –Line I	2.5 Million TPA
	2	Cement grinding Unit –Line II	2.5 Million TPA
	3	Standby DG sets Line –I	2X500 KVA
	4	Standby DG sets Line –II	2X500 KVA
11.	Attraction of G.O		-
12.	Nearby Water Bodies		<ul style="list-style-type: none"> • Seasonal Vaippar River flows at 7.7 km in north to northeast • Seasonal Uppar River flows in southern parts (2.7 km) and confluences into Vaippar River in east • Seasonal Nalla Arjuna River flows in northeast (9.0 km) and confluences into Vaippar River and the confluence area is the Irukkankudi Dam (8.5 km; NE)
13.	a) Water requirement	KLD	200m ³ per day
	b) Source		Ground water
14.	Quantity of Sewage KLD		Domestic sewage of 9 KLD generated which will be biologically treated in a 10 KLD Sewage Treatment Plant
15.	a) Mode of Disposal of treated sewage with quantity		9 KLD will be utilised for Green Belt development
	b) Trade Effluent		Nil
16.	Air Pollution Control Measures		Stacks with adequate APC Measures. Periodical maintenance of APC Equipments like Bag Filters, etc
17.	Quantity of Solid Waste generated per day , Mode of treatment and Disposal of Solid Waste		<ul style="list-style-type: none"> • Municipal (organic) solid wastes @ 20 kg/day from the Plant will be composted and used as manure for the green belt. • Inorganic wastes (Non-biodegradable) @ 10 kg/day will be sent to TNPCB Authorised Recyclers. • STP Sludge @ 200 kg/month will be vermi


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		<p>composted and used for Green Belt development.</p> <ul style="list-style-type: none"> Spent/waste Oil (Cat. 5.1) will be about 30 KL/Annum which will be stored and sold to TNPCB Authorised Recyclers for recovery and further use. Filter Bags Scrap (500 kg/year) will be sold to Vendors. Spent Batteries @ 300 Nos/year will be disposed to the Dealer on Buyback System.
18.	Power requirement	25 MW (Line I: 13 MW + Line II: 12 MW) – TANGEDCO.
19.	Details of D.G. set with Capacity	DG sets of 2x500 KVA
20.	Details of Green Belt Area	Green Belt -17.30 Ha (33% coverage) 43250 trees proposed to be given (native species)
21.	Details of Parking Area	Truck Parking 2.30 Ha
22.	Provision for rain water harvesting	-
23.	EMP	Capital Cost – Rs.5.00 Lakhs Recurring Cost – Rs.30.00 Lakhs/Annum
24.	Details of ToR	ToR granted vide MoEf&CC Lr.F.No. J-110111/532/2021-1A-II(IND-1) Dt.27.1.2022 in the absence of SEIAA-TN. Proposal was considered by 250 th SEAC, TN and 494 th SEIAA, TN wherein the committee accepted the TOR granted by MoEF&CC under proposal number SIA/TN/IND/68414/2021
25.	Details of PH	30.03.2022
26.	Date of EIA Submission	26.04.2022
27.	CER activities	Rs. 7.5 crore shall be spent as CER, for the establishing Biodiversity Lab at Kallakkadu Mundanthurai Tiger Reserve (Rs. 3.6 Cr) and Development of Nellai Wild Life Sanctuary, Ganigaikondan WLS & Koonthankulam Bird


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	Sanctuary (Rs.3.9 Cr), in consultation with State Forest Department
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Affidavit

I, Ajay K. Gautam, S/o Shri Murlidhar Pandey, aged about 44 years as Authorised Signatory of Dalmia Bharat Green Vision Limited (DBGVL) sworn the following UNDERTAKING on behalf of the Company:

1. DBGVL has applied to the State Level EIA Authority-Tamil Nadu (SEIAA-TN) for prior Environmental Clearance of our Proposed Standalone Grinding Unit, "Meenakshi Cement Works, Sattur" of 5.0 MTPA capacity (2X 2.5 MTPA- OPC/ PPC / PSC / PCC) at S.F.No. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20-26, 27-34, 35-39 & 66 of Mulliseval Village and Parts of 333 of Peddureddipatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by M/s. Dalmia Bharat Green Vision Ltd. (**File No. 8848/2022, Proposal No. SIA/TN/IND/75381/2021**).
2. The Proposal has been deliberated and recommended for Environmental Clearance (EC) by the State Level Expert Appraisal Committee-Tamil Nadu (SEAC-TN) in its 275th Meeting held on 20.05.2022 as Agenda Sl. No. 275-4 along with one condition stating that "*As accepted by the Project Proponent, an amount of Rs.7.50 crore shall be spent as CER, for the establishing Biodiversity Lab at Kallakkadu Mundanthurai Tiger Reserve (Rs.3.60 Cr.) and Development of Nellai Wild Life Sanctuary, Gangaikondan WLS & Koonthankulam Bird Sanctuary (Rs.3.90 Cr). in consultation with State Forest Department before obtaining CTO from TNPCB*".
3. Accordingly, we give the UNDERTAKING to SEIAA-TN in awarding EC for the Project that as agreed, DBGVL will spent the revised Corporate Environment Responsibility (CER) Budget of Rs.7.50 Crores before obtaining Consents to Operate (CTO) from Tamil Nadu Pollution Control Board (TNPCB) for following activities:
 - i. For the establishment of Biodiversity Lab at Kallakkadu Mundanthurai Tiger Reserve - Rs.3.60 Crores.
 - ii. Development of Nellai Wild Life Sanctuary (WLS), Gangaikondan WLS & Koonthankulam Bird Sanctuary - Rs.3.90 Crores.
4. All the grievances of Public received during public hearing will be addressed.


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5. No construction work started at the project site till date.

With this UNDERTAKING, SEIAA-TN may award the EC for the Proposal.

Appraisal by SEAC:-

Proposed Standalone Grinding Unit "Meenakshi Cement Works 2x2.5 MTPA; OPC/PPC/PSC/PCC at S.F.No. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20- 26, 27-34, 35-39 & 66, Mulliseval Village and Parts of 333 of Peddureddipatti Village , Sattur Taluk, Virudhunagar District, Tamil Nadu by M/s. Dalmia Bharat Green Vision Limited- For Environmental Clearance (SIA/TN/IND/75381/2021, Dated 19.04.2022)

The proposal was placed in this 275th SEAC Meeting held on 20.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

1. The Proponent, M/s. Dalmia Bharat Green Vision Limited has applied for Environmental Clearance for the proposed Cement Grinding Unit 2x2.5 MTPA; OPC/PPC/PSC/PCC at S.F.No. Parts of 1-6, 8, 9, 12, 13, 17, 19, 20- 26, 27-34, 35-39 & 66, Mulliseval Village and Parts of 333 of Peddureddipatti Village , Sattur Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of item 3(b) "Cement plant" of the Schedule to the EIA Notification, 2006.
3. The proposal consists stand alone Cement Grinding Unit 2x2.5 MTPA; OPC/PPC/PSC/PCC with plot area – 52.41 Ha.
4. ToR granted vide MoEf&CC Lr.F.No. J-110111/532/2021-1A-II(IND-1) Dt.27.1.2022 in the absence of SEIAA-TN. Proposal was considered by 250th SEAC, TN and 494th SEIAA, TN wherein the committee accepted the TOR granted by MoEF&CC under proposal number SIA/TN/IND/68414/2021 & file Number 8848.
5. Public hearing conducted on 30.3.2022.

Based on the presentation made and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the following specific conditions, in addition to normal conditions stipulated by MOEF &CC:


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1. At any point of time, the production capacity will not exceed 2x2.5 MTPA; OPC/PPC/PSC/PCC
2. Ground water for industrial purpose to be phased out in 5 years. The industry to explore possibilities to meet the Water consumption for industrial purpose through treated sewage obtained from nearest local body/rain water harvesting.
3. The PP shall furnish fresh water supply commitment from local body before obtaining CTO from TNPCB.
4. The project proponent shall provide STP of capacity 9 KLD and treated water shall be utilized for flushing and green belt proposed.
5. Treated/untreated sewage shall not be let-out from the unit at any point of time.
6. The PP shall provide adequate bag filters & Emissions from bag filter should be below 10mg/Nm³
7. There is no open storage of raw material/finished product in the unit premises.
8. The PP shall test for radio-active material in the gypsum used for cement in the AERB authorized lab continuously. In case, any radio-activity is noticed then the said gypsum shall not be used.
9. Comprehensive and periodical health check up should be conducted for workers with reference to health problems like silicosis due to the particulate matter generated in the industry.
10. Adequate engineering measures should be implemented to contain fugitive emissions within the prescribed limit.
11. Workers should be protected against inhalation of dust particles with appropriate protective measures.
12. The green belt shall be developed in atleast 33% of total plant area .The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the **appendix**, in consultation with the DFO, State Agriculture. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.


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13. Taller/one year old saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
14. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
15. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
16. No waste of any type to be disposed off in any other way other than the approved one.
17. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
18. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
19. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
20. Entire roof of the proposed sheds shall be covered with Solar panels and utilization of the solar energy should not be less than 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
21. The PP shall conduct job fair & provide technical training for skill development in the vicinity of the project site and Job opportunity shall be given to local peoples.
22. That the grant of this E.C. is issued from the environmental angle only and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete


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- responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
23. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.
24. As accepted by the Project Proponent, an amount of Rs. 7.5 crore shall be spent as CER, for the establishing Biodiversity Lab at Kallakkadu Mundanthurai Tiger Reserve (Rs. 3.6 Cr) and Development of Nellai Wild Life Sanctuary, Ganigaikondan WLS & Koonthankulam Bird Sanctuary (Rs.3.9 Cr), in consultation with State Forest Department before obtaining CTO from TNPCB.

Appendix -I

List of Native Trees Suggested for Planting

1. *Aeglemarmelos*-Vilvam
2. *Adenaantherapavonina*-Manjadi
3. *Albizialebeck*-Vaagai
4. *Albiziaamara*-Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa*-Iruvathi
8. *Buchananiaaillaris*-Kattuma
9. *Borassusflabellifer*- Panai
10. *Buteamonosperma* - Murukkamaram
11. *Bobaxceiba*- Ilavu, Sevvilavu
12. *Calophylluminophyllum* - Punnai
13. *Cassia fistula*- Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylonsweitenia* - Purasamaram
16. *Cochlospermumreligiosum*- Kongu, ManjalIlavu
17. *Cordiadichotoma*- Mookuchalimaram
18. *Cretevaadansonii*-Mavalingum
19. *Dilleniaindica*- Uva, Uzha
20. *Dilleniapentagyna*- SiruUva, Sitruzha
21. *Diospyrosebenum*- Karungali
22. *Diospyroschloroxylon*- Vaganai
23. *Ficusamplissima*- KallItchi
24. *Hibiscus tiliaceous*-Aatrupoovarasu
25. *Hardwickiabinata*- Aacha
26. *Holopteliaintegrifolia*-Aayili
27. *Lanneacoromandelica* - Odhiam
28. *Lagerstroemia speciosa* - Poo Marudhu


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29. *Lepisanthustetraphylla*- Neikottaimaram
30. *Limoniaacidissima* - Vila maram
31. *Litseaglutinosa*-Pisinpattai
32. *Madhucalongifolia* - Illuppai
33. *Manilkarahexandra*-UlakkaiPaalai
34. *Mimusopselengi* - Magizhamaram
35. *Mitragynaparvifolia* - Kadambu
36. *Morindapubescens*-Nuna
37. *Morindacitrifolia*- VellaiNuna
38. *Phoenix sylvestre*-Eachai
39. *Pongamiapinnata*-Pungam
40. *Premnamollissima*- Munnai
41. *Premnaserratifolia*- Narumunnai
42. *Premnatomentosa*-PurangaiNaari, PudangaNaari
43. *Prosopiscinerea* - Vannimaram
44. *Pterocarpusmarsupium* - Vengai
45. *Pterospermumcanescens*-Vennangu, Tada
46. *Pterospermumxylocarpum* - Polavu
47. *Puthranjivaroxburghii*-Puthranjivi
48. *Salvadorapersica*- UgaaMaram
49. *Sapindusemarginatus*- Manipungan, Soapukai
50. *Saracaasoca* - Asoca
51. *Streblusasper*- Pirayamaram
52. *Strychnosnuxvomica*-Yetti
53. *Strychnopotatorum* - TherthangKottai
54. *Syzygiumcumini* - Naval
55. *Terminaliabellerica*- Thandri
56. *Terminalia arjuna*- Venmarudhu
57. *Toona ciliate* - Sandhanavembu
58. *Thespesiapopulnea*- Puvarasu
59. *Walsuratrifoliata*-valsura
60. *Wrightiatinctoria*- Vep

Validity:

The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity for Seven years from the date of issue of EC, subject to the compliance of the terms and conditions stipulated below:

Discussion by SEIAA and the Remarks:-

The proposal was placed in the 520^h meeting of Authority held on 14.06.2022. The Authority noted that the proposal was placed in the 275nd meeting of SEAC held on


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20.05.2022. SEAC has furnished its recommendations to the Authority for **granting Environmental Clearance to the Project** subject to the conditions stated therein. The Authority after detailed discussion, decided to grant Environmental Clearance for the project subject to the conditions as recommended by SEAC, standard conditions imposed by MoEF&CC in addition to the following conditions:

1. The APC measures to achieve Emission standards for cement Industries issued by CPCB shall be complied.
2. The fugitive emission during loading and unloading shall be suitably controlled. Fugitive emission in the work zone environment and raw materials storage & handling areas shall be regularly monitored. The emission shall conform to the limits prescribed by the TNPCB/CPCB.
3. Vehicular emission should be kept under control and each vehicle shall carry valid Emission certificate issued by the Competent Authority.
4. Adequate dust extraction system such as ESP/cyclones/bag filters/Wet scrubbers and water spray system, transfer areas and other vulnerable dusty areas shall be provided.
5. Raw material storage area should be covered by the closed shed with elevated impermeable concrete base along with the provision of piezometric well so as to monitor the ground water quality in the raw material storage area.
6. Adequate Pollution Control measure such as Ducting with dust extracting arrangement, water sprinkling, spraying wherever required shall be established to achieve Occupational-health standards and Ambient air quality standards.
7. Chimney height shall be provided with continuous online monitoring equipments – for SO₂, NO_x and Particulate Matter(PM_{2.5} & PM₁₀).
8. The Waste water /Sewage generated from any other source other than indicated shall also be taken to ETP/STP redesigning the plants if required.
9. The water demand for the green belt shall be met from treated effluent/sewage only after exhausting the treated effluent/sewage drawal of fresh water for this purpose shall be considered.
10. The hazardous wastes generated shall be disposed as per the provision of Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016.


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11. Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SO₂, NO_x & particulate Matter anticipated. At least four ambient air quality monitoring station should consultation with State Pollution Control Board based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring etc.
12. The industry shall conduct air sampling at least twice in a week(104 times in a year), as stipulated under EP Act 1986.
13. Interlocking system between process plant and pollution control equipment shall be installed, in case of treatment process disturbances/failure of pollution control equipment the industry shall be stopped and shall be restarted until the control measures are rectified to achieve the desired efficiency.
14. Regular monitoring on the air quality, water quality and noise on the selected locations in and around the project site as mentioned in the EMP report for creating base line data shall be continued and records shall be maintained.
15. A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards
16. The land area earmarked within the project area for green belt development shall be developed in consultation with DFO on the selection of the species & number of plantation to be carried out.
17. The industry shall promote tree plantation to neutralize their carbon foot print. Green Belt consisting of three tiers of plantation of native species around plant and at least 75m width shall be raised. Tree density shall not less than 2500 per ha with survival rate not less than 80%.
18. Water conservation scheme including rain water harvesting measures to augment ground water resources shall be implemented so as to collect and reuse the entire rainwater harvested as a supplement to fresh water drawal.
19. Scheduled Flora and fauna found in the study area of the core zone around the project site shall be monitored closely and a plan shall be prepared and implemented for their conservation.


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20. The activity of the unit in no way should disturb the Wild life habitat, free migratory movement of the wildlife nor disturb the Wildlife in any way.
21. The natural drainage pattern in the project area shall be maintained and storm water drain along the boundary and appropriate places shall be considering the Catchment area and maximum intensity of rainfall to collect runoff water/rain water for proper disposal to avoid flooding around the premises.
22. The Environmental Clearance is issued without prejudice to any order that may be passed by the Hon'ble NGT/Hon'ble High Court of Madras.

(B)General Conditions:

- I. The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearance from the concerned statutory and administrative authorities.
- II. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, TN.
- III. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be furnished to the SEIAA, Tamil Nadu before taking up of any construction activity at the site.
- IV. Green Belt consisting of 3 tiers of plantations of native species around the plant boundary comprising of at least 33% of total land shall be raised. The density of trees shall not be less than 2500 per Ha and rate of survival at least 80%.
- V. Proper housekeeping shall be ensured and all the raw material including scrap, coal etc., shall be stored at designated places.
- VI. The project proponent shall undertake rain water harvesting measures and shall develop water storage for use in operation of the plant. Rain water harvesting system shall be put in place which shall comprise of rain water collection from the built up and open area in the plant premises. Action plan for implementation shall be submitted to the MoEF & CC, Regional Office at Chennai within six months.
- VII. The project proponent shall also adequately contribute in the development of the neighboring villages. Special package with implementation schedule for providing potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.


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- VIII. CSR schemes should address Public Hearing issues and shall be undertaken based on need assessment in and around the villages within 5 km of the site and in constant consultation with the village Panchayat and the District Administration.
- IX. Public grievances received against the establishment of the proposed project shall be addressed immediately.
- X. It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.
- XI. An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the Organization.
- XII. All the measures regarding occupational health surveillance of the workers shall be undertaken and regular medical examination of all the employees shall be ensured as per the Factories Act and records maintained.
- XIII. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report.
- XIV. The company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.
- XV. The amount earmarked towards capital cost and recurring cost/annum shall be used for environmental pollution control measures and judiciously used to implement the conditions stipulated by the SEIAA, TN as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry's Regional Office at Chennai. The funds so provided shall not be diverted for any other purpose.
- XVI. Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Regional office of the MOEF &CC at Chennai, TNPCB and CPCB within 3 months of issue of Environment Clearances.
- XVII. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA, TN and copies of the clearance letter are available with the TNPCB and may also be seen at Website of the SEIAA, TN at


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<http://seiaa.tn.gov.in>. 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 of the MoEF & CC at Chennai.

- XVIII. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF & CC, Chennai, the Zonal Office of CPCB, Bengaluru and the TNPCB. This shall also be put on the website of the Company by the proponent.
- XIX. The Environmental Statement for each financial year ending 31st March in Form-V as is mandated has to be submitted by the project proponent to the Tamil Nadu Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF& CC, Chennai by e-mail.
- XX. The proponent shall upload the status of compliance of the stipulated EC 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 MoEF& CC, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- XXI. A copy of the clearance letter shall be sent by the proponent to the 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 website of the Company by the proponent.
- XXII. Project authorities shall inform the MoEF & CC Regional Office at Chennai as well as the SEIAA,TN, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.


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- XXIII. Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry / CPCB/ SPCB who would be monitoring the compliance of environmental status.
- XXIV. The SEIAA, TN reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the SEIAA, TN. The SEIAA, TN may also impose additional environmental conditions or modify the existing ones, if necessary.
- XXV. Environmental Clearance is issued based on the details furnished as above. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- XXVI. The SEIAA, TN reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- XXVII. The above stipulations would be enforced, inter-alia under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.
- XXVIII. Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


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Copy to:

1. The Additional Chief Secretary to Government, Environment & Forests Dept, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Chairman, Central Pollution Control Board, PariveshBhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
3. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.
4. The APCCF (C), Regional Office, Ministry of Environment & Forest (SZ), 34, HEPC Building, 1st& 2nd Floor, Cathedral Garden Road, Nungampakkam, Chennai - 34.

5. Monitoring Cell, I A Division, Ministry of Environment & Forests, ParyavaranBhavan, CGO Complex, New Delhi 110003.
6. The BDO, Mulliseval and Peddureddipatti Panchayat Union, Sattur Taluk, Viruthunagar District.
7. The District Collector, Virudhunagar District
8. Stock File.

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