









Chettinad Cement, KW, TN/Cement Plant/GGBS /Six Monthly Report/Apr'20-Sep'20/EHS-267 30th November, 2020

Regional Office (SEZ)
MoEF & CC, Government of India,

No.34, HEPC Campus, Cathedral Garden Road, Nungambakkam, Chennai – 600 034 Ph No. 044-28222056/48613477

Email Id: eccompliance-tn@gov.in

Dear Sir.

Subject : Submission of Six Monthly (April'2020 to September'2020) Compliance

Report of Environment Clearance for Chettinad Cement Corporation Private Limited, Cement Plant 4.5 million tons per annum & Thermal Power Plant 78 mw at Rani Meyyamami Nagar, Karikkali Village, Vedasandur Taulk, Dindigul District,

Tamilnadu - Reg

Reference : Environmental Clearance F.No.J-11011/518/2009 -1A II (I) dated 22.02.2019

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We hereby submit the Six Monthly Compliance report (April'2020 to September'2020) of above referred Environmental clearance pertaining to our "Cement Plant" production capacity of 4.5 MTPA (Including Slag Grinding 1.0 MTPA) and "Captive Power Plant" generation Capacity of 78MW located at Rani Meyyammai Nagar, Karikkali Village, Guziliamparai Taluk, Dindigul District, Tamil Nadu-624703.

Thanking you

Yours faithfully

for CHETTINAD CEMENT CORPORATION PRIVATE LIMITED

V.KRISHNAN

SENIOR VICE PRESIDENT [WORKS]

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Chettinad Cement Corporation Limited

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CHETTIAND CEMENT CORPORATION PRIVATE LIMITED

Cement Plant & Captive Power Plant

Karikkali Village, Dindigul District, Tamil Nadu

Six Monthly Compliance Report (Apr'20 – Sep'20)
[Cement Plant 4.5 million tons per annum & Thermal Power Plant 78 MW]

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Chettinad Cement Corporation Private Limited

(Cement Plant & Captive Power Plant)

Rani Meyyammai Nagar, Karikkali Village, Dindigul District, Tamilnadu

Environmental Clearance (EC) Compliance Report (Apr'20 - Sep'20)

EC granted by MoEF vide Letter No. .No.J-11011/518/2009 -1A II (I) dated 22nd February, 2019

(for Cement Plant 4.5mtpa - Including slug grinding 1.0 mtpa & Thermal Power Plant 78 mw)

A. Additional Conditions

S. No	Additional Condition	Compliance Status
1.	The emissions from cement grinding units shall be restricted to ≤30mg/Nm⊡	The continuous stack monitoring system to monitor gaseous emissions (SO ₂ and NO _x) and dust (PM) has been provided and the concentrations of pollutants are being controlled by providing the following appropriate control measures to ensure compliance with prescribed norms. a. Bag House – Raw Mill/kiln-1&2, Coal Mill-1&2, Cement Mill -1,2 &3 b. Low Nox burners – Pyro process c. Electrostatic Precipitators – Clinker Coolers d. As sulphur is getting converted into its compounds during the process of formation of clinker in the Kiln, the emission of SO2 is under control as stated. e. Bag Filters – Limestone crushers at mines The stack emission report of ROA of the survey conducted by TNPCB on 27.02.2020 & 28.02.2020 reveals that the emission from the all stacks are PM in the range of 21mg/Nm³ to 27mg/Nm³ which is below the prescribed limit of 30mg/Nm³, SO2 in the range of 11mg/Nm³ to 48mg/Nm³ which is below the prescribed limit of 100mg/Nm³ and NOX in the range of 17mg/Nm³ to 39mg/Nm³ which is below the prescribed limit of 800mg/Nm³ Manual monitoring is also carried out through external agency on monthly basis and ROA of the results reveals that emission values are maintaining below norms prescribed by MoEF /CPCB /TNPCB. The consolidated stack emission monitoring reports (Apr'20- Sep'20) are hereby enclosed vide Annexure 2 & 3

S. No	Additional Condition	Compliance Status
2.	The cement grinding capacity shall be restricted to 4.5 MTPA inclusive of granulated slag	Guidelines noted & Complied As yet, we are not established/commissioned the "Granulated Ground Blast Slag (GGBS)" grinding production. Also, we assured that the total cement Grinding Capacity will not exceed to 4.5 MTPA inclusive of proposed Granulated Slag grinding capacity of 1.0 MTPA.
3.	Industrial vacuum Cleaner shall be used to control the road dust within the plant and its vicinity.	Complied Two numbers of road sweeping machines uses plant's internal roads cleaning and vacuum cleaners as well as manual cleaning is done regular interval and ensured clean and good working atmosphere within the plant premises always.
4.	All other terms and conditions mentioned in the earlier EC letter no J-11011/518/2009-IA.II(I) dated 02.08.2010 shall remain changed	Guidelines Noted & Complied Compliance with the conditions stipulated in the earlier Environmental Clearance no.J-11011/518/2009-IA.II(I) dated 02.08.2010 were Complied and same were uploaded in the respective EC Six Monthly compliance reports in "http:/parivesh.nic.in".

for CHETTINAD CEMENT CORPORATION PRIVATE LIMITED

V.KRISHNAN

SENIOR VICE PRESIDENT [WORKS]

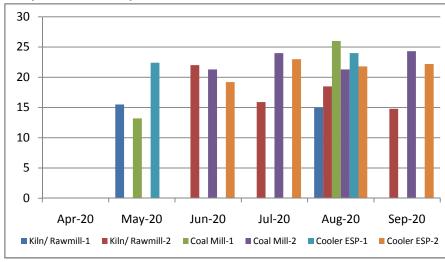


Chettinad Cement Corporation Private Limited, Karikkali Works

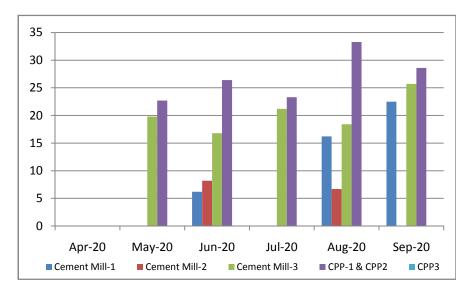
(Cement Plant & Captive Power Plant)

Stack Emission Data (PM - mg/Nm³) from Apr'2020 to Sep'2020

				J tucit			- m - mg/mm) i
Month	Kiln/	Kiln/	Coal	Coal	Cooler	Cooler	Permissible
Month	Rawmill-1	Rawmill-2	Mill-1	Mill-2	ESP-1	ESP-2	Limit
Apr-20			Shut dov	vn			
May-20	15.5	Shut down	13.2	Shut down	22.4	Shut down	
Jun-20	Shut down	22	Shut down	21.3	Shut down	19.2	Cement Plant :
Jul-20	Shut down	15.9	Shut down	24.0	Shut down	23.0	30mg/Nm ³
Aug-20	15	18.5	26	21.3	24	21.8	
Sep-20	Shut down	14.8	Shut down	24.3	Shut down	22.2	Power Plant :
Max	15.5	22	26	24.3	24	23	50mg/Nm ³
Min	15	14.8	13.2	21.3	22.4	19.2	
Avg	15.3	17.8	19.6	22.7	23.2	21.6	



Month	Cement Mill-1	Cement Mill-2	Cement Mill-3	CPP-1 & CPP2	CPP3	Permissible Limit
Apr-20		Shut	down			
May-20	Shut down	Shut down	19.8	22.7		
Jun-20	6.2	8.2	16.8	26.4		Cement Plant : 30mg/Nm ³ Power Plant : 50mg/Nm ³
Jul-20	Shut down	Shut down	21.2	23.3	Shut down	
Aug-20	16.2	6.7	18.4	33.3		
Sep-20	22.5	Shut down	25.7	28.6		
Max	6.2	6.7	16.8	22.7		
Min	22.5	8.2	25.7	33.3		
Avg	15.0	7.5	20.4	26.9		



for Chettinad Cement Corporation Private Limited

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V.Krishnan
Joint President[works]

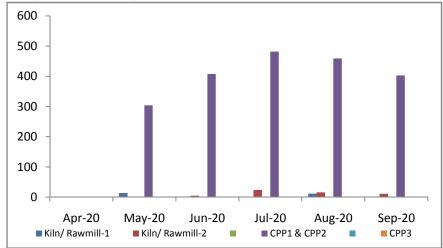


Chettinad Cement Corporation Private Limited, Karikkali Works

(Cement Plant & Captive Power Plant)

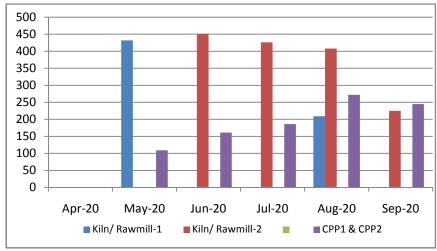
Stack Emission Data (SO2 - mg/Nm³) from Apr'2020 to Sep'2020

	Data (3	OZ - mg/mm)			
Month	Kiln/ Rawmill-1	Kiln/ Rawmill-2 CPP1 & CPP2		CPP3	Permissible Limit
Apr-20	Shut down	Shut down	Shut down		
May-20	13.6	Shut down	304		
Jun-20	Shut down	4.8	408		Cement Plant :
Jul-20 Shut down Aug-20 11.8		24	482	61.	100mg/Nm ³
		16	459	Shut Down	
Sep-20	Shut down	11	403		Power Plant :
Max	13.6	24	482		600mg/Nm ³
Min	11.8	4.8	304		
Avg	12.7	14.0	411		



Stack Emission Data (NOx - mg/Nm³) from Apr'2020 to Sep'2020

	10 / 1116/ 11111 /				
Month	Kiln/ Rawmill-1	Kiln/ Rawmill-2	CPP1 & CPP2	CPP3	Permissible Limit
Apr-20	Shut down	Shut down	Shut down		
May-20	432	Shut down	109		
Jun-20	Shut down	451	161		Cement Plant :
Jul-20	Shut down	426		Claust	800mg/Nm ³
Aug-20	209	408 272	272	Shut Down	
Sep-20	Shut down	225	245		Power Plant :
Max	432	451	272		450mg/Nm ³
Min	209	225	109		
Avg	321	378	195		



for Chettinad Cement Corporation Private Limited

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V.Krishnan
Joint President[works]





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