



# Eco Care



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Specialised House on Environmental Monitoring, Analysis, Assessment & Management  
ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

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Format No. : EC/TRT/42/FM/01

## TEST REPORT

Report Release Date : 25.06.2018	Sample Ref. No.(ARF) : EC/ARF/29/180662
Test Report No : EC/TR/42/06294	Source of Sample : Cement Plant
Type of Sample : Dust & Gaseous Emission	Sampling Date : 18.06.2018
Sample Collected by : Mr. Ranjeet Yadav & Team	Period of Analysis : 21.06.18 to 22.06.18
Sample Details : Stack Emission	Sampling Location : Bag Filter Stack
Name & Address : <b>Burnpur Cement Limited</b> Patratu Industrial Area Patratu, Dist.- Ramgarh Jharkhand	Sample Condition : Preserved & Sealed
	Sample Stamped : TH - 445
	Sample Drawn By : ECO CARE
	Sampling Plan & Procedure : EC/SOP/03/01
	Remarks : ----
	Deviation if any : None

## GENERAL INFORMATION

1 Particular of the Plant	: Cement Plant
2 Emission Due to	: Process Activity
3 Stack Connected to	: Venting of Auxilary Equipments
4 Material of Construction	: M.S
5 Stack Height from G.L.	: 37.135 m
6 Height of Sampling Port from G.L.	: 19.66 m
7 Height of Sampling Port from L.D.Z.	: 1.0 m
8 Dimension of Stack at Sampling Port	: 0.8 m
9 Shape of the Stack	: Circular
10 Working Load	: ----

## FUEL CHARACTERISTIC REPORT

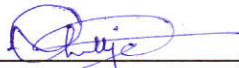
1 Source of Energy	: ----
2 Energy Consumption	: ----
3 Calorific Value (K-Cal/Kg)	: ----

## RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS

### Method

1 Flue Gas Temperature	45 °C	IS 11255 : Part 3
2 Barometric Pressure	748 mm Hg	IS 11255 : Part 3
3 Velocity of Flue Gas	6.59 m/sec	IS 11255 : Part 3
4 Flue Gas Quantity	17203 NM <sup>3</sup> /hr	IS 11255 : Part 3
5 Concentration of Particulate Matter	36.28 mg/NM <sup>3</sup>	IS 11255 : Part 1
6 Concentration of Carbon Dioxide %	----	IS 13270
7 Concentration of SO <sub>2</sub>	----	IS 11255 : Part 2
8 Concentration of NO <sub>x</sub>	----	IS 11255 : Part 7

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory

  
Authorised Signatory  
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Dy Technical Manager