

CIN:U74990MH2010PTC201958

TEST REPORT

Test Report Issued To:

GREEN TECH

623,AREJA CORNER,SECTOR-17,, VASHI,,
MUMBAI-400705, MAHARASHTRA, INDIA,

Test Report No: M180314003/M180314003-1

Date of Issue: 03-Apr-2018



Sample Receipt Date: 14-Mar-2018

Date of Start of Testing: 29-Mar-2018

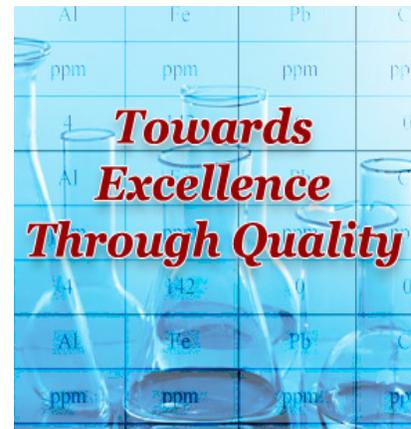
Date of Completion of Test: 03-Apr-2018

Customer Relationship Number

M28951

Sample Description :

FLYASH SAMPLE, SOURCE:-JSW TPS, JAIGAD



Customer Reference No

LETTER DT:-12/03/2018

WO/PO No:

Kind Attention :

MR.KISHORE HIRANI

E-Mail:

k.hirani@greentech.org.in; info@greentech.

Contact No:

022-27651224

Sample Condition :

Sample Quantity (Approx) :

Sample Size (Approx) :

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Report Issued By

Authenticity of report can be verified by mail at verification@spectrolab.in

This is a Digitally Signed Report and hence doesn't require Physical Signature.

Spectro SSA Labs Pvt. Ltd, G-1, Kothari College Compound, 27 Acre, Manpada, Thane- 400610 (India)

Phone :022 25893335 || Web : www.spectrossa.com || Email:ratan@spectro.in

ISO 9001:2008 Certified Laboratory

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TEST REPORT

ID-M180314003-1

Chemical Analysis

| Sr. No. | Tests/Parameter | Results | Requirements (as per IS:3812 (Pt.1)-2013) | Test Method | Conformity |
|---------|--|---------|---|--|------------|
| 1 | SiO ₂ +Al ₂ O ₃ +Fe ₂ O ₃ , % by mass | 96.58 | 70.0 Min. | IS:1727:1967(RA:2008) | Yes |
| 2 | Silicon dioxide as SiO ₂ , % by mass | 62.36 | 35.0 Min. | IS:1727:1967(RA:2008) Clause.5.4 | Yes |
| 3 | Magnesium Oxide as MgO, % by mass | 0.64 | 5.0 Max. | IS:1727:1967(RA:2008) Clause.5.9 | Yes |
| 4 | Total Sulphur as SO ₃ , % by mass | 0.36 | 3.0 Max. | IS:1727:1967(RA:2008) Clause.5.10 | Yes |
| 5 | Total Chlorides as Cl, % by mass | 0.021 | 0.05 Max. | IS:4032:1985(RA:2009) clause.4.13 | Yes |
| 6 | Loss On Ignition, % by mass | 0.37 | 5.0 Max. | IS:1727:1967(RA:2008) Clause.5.3 (Amd-2013) | Yes |

Note: Available alkalis will be reported later as the duration is of 28 days.

Ayadav

Analyst Signature



Chemical Testing(T-2372)



Authorised Signatory

TEST REPORT

ID-M180314003-1

| Sl. No. | Tests | Results | Requirements (as per IS:3812 Pt.1 2013) | Test Method |
|---------|---|---------|--|--------------------------|
| 1 | Fineness (Specific Surface), M ² /Kg (Blaine's Air Permeability Method) | 332.8 | 320 Min. | IS: 1727 1967 RA 2013 |
| 2 | Particle Retained on 45μ IS: Sieve, % by mass (Wet Sieving) | 24.1 | 34 Max. | |
| 3 | Lime Reactivity Average Compressive Strength, N/mm ² | 4.65 | 4.5 Min. | |
| 4 | Soundness Auto Clave Expansion (%) | 0.03 | 0.8 Max. | |
| 5 | Specific Gravity | 2.16 | --- | |
| 6 | Compressive Strength at 28 Days, N/mm ² % of Neat Mortar | Awaited | 80% Min. | |

-----END OF REPORT-----

S. Bhaskar

Analyst Signature



Mechanical Testing(T-2766)



Authorised Signatory

TEST REPORT

ID-M180314003-1

| Sl. No. | Tests | Results | Requirements (as per IS:3812 Pt.1 2013) | Test Method |
|---------|---|---------|--|--------------------------|
| 1 | Fineness (Specific Surface), M ² /Kg (Blaine's Air Permeability Method) | 332.8 | 320 Min. | IS: 1727 1967 RA 2013 |
| 2 | Particle Retained on 45μ IS: Sieve, % by mass (Wet Sieving) | 24.1 | 34 Max. | |
| 3 | Lime Reactivity Average Compressive Strength, N/mm ² | 4.65 | 4.5 Min. | |
| 4 | Soundness Auto Clave Expansion (%) | 0.03 | 0.8 Max. | |
| 5 | Specific Gravity | 2.16 | --- | |
| 6 | Compressive Strength at 28 Days, N/mm ² % of Neat Mortar | Awaited | 80% Min. | |

-- End of Test Report --

S. Bhaskar

Analyst Signature



Mechanical Testing(T-2766)



Authorised Signatory