



KALBURGI CEMENT PVT. LTD.

IS:269



CML / 4578077

Corporate Office: 8-2-626, Reliance Majestic Building, Road No. 10, Banjara Hills, Hyderabad – 500 034, A.P., India. Ph.: +91 40 3006999; Fax: +91 40 30006955

Works :Chatrasala (V), Kharchkhed (Post) - 585 320, Chincholi (Tq.), Gulbarga Dist.

TRUST. LEGACY. FOREVER.

TEST CERTIFICATE (OPC - 43 Grade)

Product : VICAT - PERFORMATE

Week No: 18

Despatched from: 27.04.2020 to 03.05.2020

| A. PHYSICAL REQUIREMENTS | RESULTS | As per IS 269 – 2015 |
|--|---------|-------------------------------------|
| Fineness: | | |
| a. Specific Surface (m ² /kg) | 278 | Not less than 225 |
| b. Normal Consistency (%) | 29.50 | ----- |
| Soundness: | | |
| a. By Le-Chatelier Method (mm) | 0.50 | Not more than 10 mm |
| b. By Autoclave (%) | 0.085 | Not more than 0.8 % |
| Setting Time: | | |
| a. Initial Setting Time (minutes) | 160 | Not less than 30 |
| b. Final Setting Time (minutes) | 270 | Not more than 600 |
| Compressive Strength (MPa) | | |
| a. 3 days | 33.68 | Not less than 23 |
| b. 7 days | Awaited | Not less than 33 |
| c. 28 days | Awaited | Not less than 43 & Not more than 58 |
| B. CHEMICAL REQUIREMENTS | | |
| a. Lime Saturation Factor | 0.90 | 0.66 – 1.02 |
| b. Aluminum Modules | 1.18 | Not less than 0.66 |
| c. Insoluble Residue (%) | 2.44 | Not more than 5.0 |
| d. Magnesia (%) | 1.06 | Not more than 6.0 |
| e. Sulphuric Anhydride (%) | 2.60 | Not more than 3.5 |
| f. Loss on Ignition (%) | 2.78 | Not more than 5.0 |
| g. Chlorides (%) | 0.030 | Not more than 0.1 |
| h. Alkali Content (%) | 0.58 | Not more than 0.6 |
| i. Temperature During Testing °C | 27.50 | 27 ± 2 |

Section In-Charge (Q.C)

Authorised Signature