



KALBURGI CEMENT PVT. LTD.

IS:269



CML :4578077

TRUST. LEGACY. FOREVER.

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

TEST CERTIFICATE (OPC - 43 Grade)

Product : VICAT - PERFORMATE

Week No: 21

Despatched from: 21.05.2021 to 27.05.2021

| A. PHYSICAL REQUIREMENTS | RESULTS | As per IS 269 – 2015 |
|--|---------|-------------------------------------|
| Fineness: | | |
| a. Specific Surface (m ² /kg) | 278 | Not less than 225 |
| b. Normal Consistency (%) | 30.50 | ----- |
| Soundness: | | |
| a. By Le-Chatelier Method (mm) | 1.75 | Not more than 10 mm |
| b. By Autoclave (%) | 0.048 | Not more than 0.8 % |
| Setting Time: | | |
| a. Initial Setting Time (minutes) | 150 | Not less than 30 |
| b. Final Setting Time (minutes) | 245 | Not more than 600 |
| Compressive Strength (MPa) | | |
| a. 3 days | 33.50 | 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 | 0.89 | 0.66 – 1.02 |
| b. Aluminum Modules | 1.08 | Not less than 0.66 |
| c. Insoluble Residue (%) | 2.58 | Not more than 5.0 |
| d. Magnesia (%) | 0.96 | Not more than 6.0 |
| e. Sulphuric Anhydride (%) | 2.38 | Not more than 3.5 |
| f. Loss on Ignition (%) | 2.86 | Not more than 5.0 |
| g. Chlorides (%) | 0.030 | Not more than 0.1 |
| h. Alkali Content (%) | 0.47 | Not more than 0.6 |
| i. Temperature During Testing °C | 27.00 | 27 ± 2 |

Section In-Charge (Q.C)

Authorised Signature