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| Laboratory | Quality Control Laboratory, Prism Cement Limited, Unit 1, Village Mankahari, P. O. Bathia, Dist. Satna, Madhya Pradesh | | |
| Accreditation Standard | ISO/IEC 17025: 2005 | | |
| Discipline | Mechanical Testing | Issue Date | 03.02.2015 |
| Certificate Number | T-1500 | Valid Until | 02.02.2017 |
| Last Amended on | - | Page | 1 of 2 |

| S.No. | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing / Limits of Detection |
|--------------|--|-------------------------------------|--|---|
| I. | BUILDING MATERIALS | | | |
| 1. | Cement (OPC) 33 Grade/43 Grade/53 Grade | Normal Consistency | IS 4031 (Part 4): 1988 | (20 to 35) % |
| | | Initial Setting Time | IS 4031 (Part 5): 1988 (RA 2005) | (10 to 280) minutes |
| | | Final Setting Time | IS 4031 (Part 2): 1988 (RA 2004) | (30 to 600) minutes |
| | | Fineness by specific surface | IS 4031 (Part 3): 1988 (RA 2005) | (200 to 500) m ² /kg |
| | | Soundness by Le-Chatelier method | IS 4031 (Part 3): 1988 (RA 2005) | (0 to 12) mm |
| | | Soundness by Autoclave method | IS 4031 (Part 3): 1988 (RA 2005) | (0 to 1.0) % |
| | Compressive strength | IS 4031 (Part 6): 1988 (RA 2005) | (0 to 80) MPa | |
| 2. | Cement (PPC) Fly Ash based | Normal Consistency | IS 4031 (Part 4): 1988 | (20 to 35) % |
| | | Initial Setting Time | IS 4031 (Part 5): 1988 (RA 2005) | (10 to 280) minutes |
| | | Final Setting Time | IS 4031 (Part 5): 1988 (RA 2005) | 30 to 600 |
| | | Fineness by specific surface | IS 4031 (Part 2): 1988 (RA 2004) | (200 to 500) m ² /kg |
| | | Soundness by Le-Chatelier method | IS 4031 (Part 3): 1988 (RA 2005) | (0 to 12) mm |

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| S.No. | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing / Limits of Detection |
|--------------|---|--------------------------------|--|---|
| | Cement (PPC) Fly Ash based | Soundness by Autoclave method | IS 4031 (Part 3): 1988 (RA 2005) | (0 to 1.0) % |
| | | Compressive strength | IS 4031 (Part 6): 1988 (RA 2005) | (0 to 80) MPa |
| | | Drying Shrinkage | IS 4031 (Part 10): 1988 (RA 2005) | (0.05 to 0.20) % |

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