

GOVERNMENT OF GOA
OFFICE OF THE ASSISTANT ENGINEER
SUB DIVISION III (SOUTH),
QUALITY CONTROL LABORATORY,
WATER RESOURCES DEPARTMENT,
GOGAL, MARGAO- GOA.

PLEASE FIND THE TEST RESULTS OF CEMENT AS DETAILED BELOW:

Name of work:- Construction of Open Type Bandhara at Katchiband Survey No.45, Prila in V.P. Cavrem- Pirla in Sanguem Constituency.

Type of Cement: Ordinary Portland cement **Brand / Grade:** JSW /43 grade

Source of receipt: Assistant Eng.,Sub Div. I,WD XII,WRD,Pajimol- Sanguem Goa

Ref. Letter No: WRD/SD I/ WD XII/F.47/297/2022-23. **Dated:** 28-11-2022.

Qty. Represented:

L.S. No: F. 22/05/2022.

Physical Properties

| Sr. No | Description | Test results | Requirements as per I.S. |
|--------|---|---------------------------|--------------------------------------|
| 1 | Fineness. (% retained on 90 micron sieve) | 3 % | Not more than 10% |
| 2 | Setting Time in (Minutes) iii) Initial | 186 minutes | Not less than 30 Min |
| | iv) Final. | 294 minutes | Not more than 600 Min. |
| 3 | Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs. | 393.33Kg/cm ² | Not less than230.0Kg/cm ² |
| | ii) 168 hrs. ±2 hrs | 490.00Kg/cm ² | Not less than330.0Kg/cm ² |
| | iii) 672 hrs. ±4 hrs | 576.66 Kg/cm ² | Not less than430.0Kg/cm ² |
| 4 | Consistency of cement. | 28 % | |

To,
Assistant Engineer, Sub Div I, WD. XII,WRD, Pajimol- Sanguem- Goa
C.W.C. Submitted to:
2. The Exe. Eng. W.D. XI, WRD, Rawanfond- Goa.
3. Office file.

Junior Engineer

Assistant Engineer