

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 protection wall to prevent erosion of paddy field in Sy.No. 118/9 at Morrem Ziltawadi in V.P. Gaondongrem in Canacona Taluka.

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

Source of receipt: Assistant Engineer, SD I, WD XI, WRD, Canacona- Goa.

Ref. Letter No: WRD/WD XI/ SD I/F.107/269/2024-25. **Dated:** 27-02-2025

Qty. Represented:

L.S. No: F. 100/05/2024.

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 9 micron sieve)	5%	Not more than 10%
2	Setting Time in (Minutes) lxi) Initial	194 minutes	Not less than 30 Min
	lxx) Final.	396 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	284.00Kg/cm2	Not less than 230.0Kg/cm2
	ii) 168 hrs. ±2hrs	347.33 Kg/cm2	Not less than 330.0Kg/cm2
	iii) 672 hrs. ±4 hrs	592.66 Kg/cm2	Not less than 430.0Kg/cm2
4	Consistency of cement.	28%	

To,
The Asst. Engineer.SD I, WD XI, WRD, Canacona- Goa.
C.W.C. Submitted to:
2. The Exe. Eng. W.D. XI, WRD, Rawanfond– Goa.
3. S.W.II, CPO, WRD, Sinchai Bhavan , Alto, Porvorim – Goa.
4. Office file.

Junior Engineer

Assistant Engineer