

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:- Stabilization of banks of existing nallah at Dhamad Xeldem
in V.P. Xeldem in Curchorem Constituency.

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

Source of receipt: Assistant Engineer, SD V, WD XII, WRD, Quepem- Goa.

Ref. Letter No: WRD/ SD V/WD XII/F.70/133/2024-25. **Dated:** 29-11-2024.

Qty. Represented:

L.S. No: F. 09/5/2024.

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) xxxv) Initial	186 minutes	Not less than 30 Min
	xxxvi) Final.	294 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	393.33 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	433.33 Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	546.66 Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28 %	

To,

The Asst. Engineer.SD V, WD XII, WRD, Quepem- 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