

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:-** Improvement and relining to SIP main canal from Ch. 9.08 km to Ch. 9.11 km & other repair work in Curchorem Constituency.

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

**Source of receipt:** Assistant Engineer, SD I, WD X, WRD, Quepem- Goa.

**Ref. Letter No:** WRD/WD X/SD I/F.55A(W.F.26)/189/2025-26. **Dated:** 06-11-2025.

**Qty. Represented:**

**L.S. No: F. 36/04/2025.**

**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) xxix) Initial	194 minutes	Not less than 30 Min
	xxx) Final.	396 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm <sup>2</sup> i) 72 hrs. ±1 hrs.	284.44Kg/cm <sup>2</sup>	Not less than 230.0Kg/cm <sup>2</sup>
	ii) 168 hrs. ±2hrs	347.77 Kg/cm <sup>2</sup>	Not less than 330.0Kg/cm <sup>2</sup>
	iii) 672 hrs. ±4 hrs	592.22 Kg/cm <sup>2</sup>	Not less than 430.0Kg/cm <sup>2</sup>
4	Consistency of cement.	28%	

To,

The Asst. Engineer.SD I, WD X, 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**