

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 of nallah bank in Sy.No. 7/0 at Portem in ward
No. 3 V.P. Bhati in Sanguem Taluka.

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

Source of receipt: Assistant Engineer, SD I, WD XII, WRD, Pajimol- Sanguem- Goa.

Ref. Letter No: WRD/ SD I/WD XII/F.47/524/2024-25. **Dated:** 04-02-2025.

Qty. Represented:

L.S. No: F. 84/5/2024.

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 9 micron sieve)	3 %	Not more than 10%
2	Setting Time in (Minutes) xxxvii) Initial	160 minutes	Not less than 30 Min
	xxxviii) Final.	288 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	346.66 Kg/cm2	Not less than 230.0Kg/cm2
	ii) 168 hrs. ±2hrs	454.44 Kg/cm2	Not less than 330.0Kg/cm2
	iii) 672 hrs. ±4 hrs	563.33 Kg/cm2	Not less than 430.0Kg/cm2
4	Consistency of cement.	28 %	

To,
The Asst. Engineer.SD I, WD XII, WRD, Pajimol- Sanguem- 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