

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 retaining wall on D/s of road culvert near Nitya Divya Yaga Ashram in Village Kasamshel in V.P. V.P. Betoda, Nirankal, Conxem Codar of Shiroda Constituency.

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

Source of receipt: Assistant Engineer, SD IV, WD XI, WRD, Ponda- Goa.

Ref. Letter No: WRD/WDXI/SDIV/C.F/779/2025-26. **Dated:** 06-03-2026

Qty. Represented:

L.S. No: F.120/05/2025.

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) xlvii) Initial	190minutes	Not less than 30 Min
	xlvi) Final.	290minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	396.66Kg/cm2	Not less than 230.0Kg/cm2
	ii) 168 hrs. ±2hrs	443.33Kg/cm2	Not less than 330.0Kg/cm2
	iii) 672 hrs. ±4 hrs	533.33Kg/cm2	Not less than 430.0Kg/cm2
4	Consistency of cement.	28%	

To,
The Asst. Engineer. SD IV, WD XI, WRD, Ponda- 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