

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 near Pratibha CHSL at Aquem Alto in Margao Constituency.

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

Source of receipt: Assistant Engineer, SD III, WD III,WRD, Gogol- Margao - Goa.

Ref. Letter No: 368/SD III/ WD III/WRD/24-25/443. **Dated:** 04-03-2025

Qty. Represented:

L.S. No: F. 107/05/2024.

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)		
	i) Initial	186 minutes	Not less than 30 Min
	ii) Final.	293minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	406.67Kg/cm2	Not less than 230.0Kg/cm2
	ii) 168 hrs. ±2hrs	446.67Kg/cm2	Not less than 330.0Kg/cm2
	iii) 672 hrs. ±4 hrs	520.00Kg/cm2	Not less than 430.0Kg/cm2
4	Consistency of cement.	28%	--

To,
Assistant Engineer, SD III, WD III, WRD, Gogol- Margao- Goa.
C.W.C. Submitted to:
1. The Exe. Eng. W.D. XI, WRD, Rawanfond– Goa.
2. S.W.II, CPO, WRD, Sinchai Bhavan , Alto, Porvorim – Goa.
3. Office file.

Junior Engineer

Assistant Engineer