

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 to existing retaining wall at Sapna Berrier CHS
borda in Fatorda 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: 372/SD III/WD III/WRD/25-26/23. **Dated:** 07-04-2025

Qty. Represented:

L.S. No: F. 146/04/2024.

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) xli) Initial	188minutes	Not less than 30 Min
	xlii) Final.	291minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	383.33Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	423.33Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	533.33Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	29%	

To,
The Asst. Engineer. SD III, WD III, WRD, Gogol- Margao- 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