

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 Covering of nallah behind Crissville CHSL to Telis house at Aquem Alto in Margao Constituency.

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

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

Ref. Letter No: 342/SD III/WD III/WRD/24-25/243. **Dated:** 30-10-2024

Qty. Represented:

L.S. No: F.13/04/2024

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)		
	i) Initial	188 minutes	Not less than 30 Min
	ii) Final.	284minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	364.44Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	486.66 Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	583.33 Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28%	

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, Rawanfod– Goa.
3. S.W.II, CPO, WRD, Sinchai Bhavan , Alto, Porvorim – Goa.
4. Office file.

Junior Engineer

Assistant Engineer