

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:-Stabilization of unstable hill slope of nallah/ waterways bank at Barmolem in Village Barcem in V.P. Barcem- Quedem of Quepem Constituency.

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

Source of receipt: Assistant Engineer, SD V, WD XII, WRD, Quepem- Goa.

Ref. Letter No: WRD/WD XII/ SD V/F. 15/139/ 2021-22. **Dated:** 23-12-2021

Qty. Represented:

L.S. No: F.46/06/2021.

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) lvii) Initial	168minutes	Not less than 30 Min
	lviii) Final.	288minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	366.33 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	466.66Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	483.33Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28%	

To,
The Asst. Engineer.SD V, WD XII, WRD, Quepem - Goa.
C.W.C. Submitted to:
2. The Exe. Eng. W.D. XII, WRD, Gogol- Margao- Goa.
3. Office file.

Junior Engineer

Assistant Engineer.