

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 protection wall for the infront of the Capela Mae Devote Connecting to the main nallh near the residence of Especiosa Fernandes, Bernadette Fernandes, Joyce Fernandes and Bernardo Reis at Devote in V.P. Loutolim in Nuvem Constituency.

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

Source of receipt: Assistant Engineer, SD I, WD II, WRD, Rawanfond- Goa.

Ref. Letter No: WRD/SD I/WD II/ F.Estt/643/2021-22. **Dated:** 29-12-2021.

Qty. Represented:

L.S. No: F.57/04/2021

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) xxix) Initial	168minutes	Not less than 30 Min
	xxx) Final.	288minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	376.66Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	456.66Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	593.33Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28%	

To,
The Asst. Engineer.SD I, WD II, WRD, Rawanfond- Goa.
C.W.C. Submitted to:
2. The Exe. Eng. W.D. II, WRD, Rawanfond- Goa.
3. Office file.

Junior Engineer

Assistant Engineer.

