

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 for Pond in Curtorim under Sy.No. 567/29, 568/1 and 568/3 at Muxivaddo, Curtorim Salcete Goa.

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

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

Ref. Letter No: WRD/SD I/ WDII/F.Estt/648/2021-22. **Dated:** 03-01-2022.

Qty. Represented:

L.S. No: F.72/04/2021.

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 9 micron sieve)	4%	Not more than 10%
2	Setting Time in (Minutes) lxxv) Initial	178minutes	Not less than 30 Min
	lxxvi) Final.	272minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	366.66Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	463.33Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	566.66Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	29%	

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

Junior Engineer

Assistant Engineer.