

GOVERNMENT OF GOA
OFFICE OF THE ASSISTANT ENGINEER
SUB DIVISION III WORKS DIVISION XI
QUALITY CONTROL LABORATORY (SOUTH),
WATER RESOURCES DEPARTMENT,
GOGAL, MARGAO- GOA.

PLEASE FIND THE TEST RESULTS OF CEMENT AS DETAILED BELOW:

Name of work:- Construction of bandhara & Improvement o field channels & Distributaries in Sy.No. 149 at Gimmona near Shri Rohidas Naik's house in ward No. 1 of V.P. in Priol Constituency in Ponda Taluka.

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

Source of receipt: Assistant Engineer, SD IV, WD XI, WRD, Ponda Goa.

Ref. Letter No: WRD/WD XI/SD IV/ F.CF/27/2021-22. **Dated:** 20-04-2021

Qty. Represented:

L.S. No: F.47/04/2021.

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) v) Initial	178minutes	Not less than 30 Min
	vi) Final.	272minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	366.66Kg/cm2	Not less than 230.0Kg/cm2
	ii) 168 hrs. ±2 hrs	433.33Kg/cm2	Not less than 330.0Kg/cm2
	iii) 672 hrs. ±4 hrs	566.66Kg/cm2	Not less than 430.0Kg/cm2
4	Consistency of cement.	29%	

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

Junior Engineer

Assistant Engineer.