

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 bank of nallah from Anthony Fernanades to Digamber Padwal house at Deulmol, Shirvoi in Quepem Constituency.

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

**Source of receipt:** Assistant Engineer, Sub Division V, WRD, Quepem Goa

**Ref. Letter No:** WRD/WDXII/SDV/F.15/108/2021-22.**Dated:** 16-11-2021.

**Qty. Represented:**

**L.S. No: F.15/10/2021**

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)		
	i) Initial	188minutes	Not less than 30 Min
	ii) Final.	292minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm <sup>2</sup>		
	i) 72 hrs. ±1 hrs.	380.00Kg/cm <sup>2</sup>	Not less than 230.0Kg/cm <sup>2</sup>
	ii) 168 hrs. ±2hrs	460.00 Kg/cm <sup>2</sup>	Not less than 330.0Kg/cm <sup>2</sup>
4	Consistency of cement.	29 %	

To,  
Assistant Engineer, Sub Division V, WRD, Quepem Goa

C.W.C. Submitted to:

2. The Exe. Eng. W.D. XI, WRD, Rawanfond- Goa.
3. Office file.

**Junior Engineer**

**Assistant Engineer.**