

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:- Providing R.C.C canal lining to Minor M1 canal from ch.2400 mts to 2980 mts in Cacora village of Quepem Taluka..

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

Source of receipt: Assistant Engineer, SD I, WD X, WRD, Quepem-Goa.

Ref. Letter No: WRD/WD X/F.W-1-10/17-18/131/2019-20/225 **Dated:** 2-11-2019

Qty. Represented:

L. S. No: 4243/19

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	179 minutes	Not less than 30 Min
	ii) Final.	291 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ± 1 hrs.	333.33 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ± 2 hrs	406.66/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.	29 %	

To,
The Asst. Engineer. SD I, WD X, WRD, Quepem- Goa.

C.W.C. Submitted to:

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

Dhananjay R. Nagvenkar
Technical Assistant

Pravin C Parsekar
Assistant Engineer.