

GOVERNMENT OF GOA
OFFICE OF THE ASSISTANT ENGINEER
SUB DIVISION IIIWORKS 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 retaining wall for existing nallah from Regina house to Fatima house in Ward No. 3 in V.P. Verna of Salcete Taluka.

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

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

Ref. Letter No:WRD/SD I/ WD II/ F.Esst/684/ 2020-21.**Dated:**02-12-2020

Qty. Represented:

L.S. No: 63/20

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 90 micron sieve)	4 %	Not more than 10%
2	Setting Time in (Minutes)		
	i) Initial	188 minutes	Not less than 30 Min
	ii) Final.	292 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. \pm 1 hrs.	380.00 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. \pm 2hrs	460.00 Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. \pm 4 hrs	560.00 Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28 %	

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

Junior Engineer

Assistant Engineer.