

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 protection wall for the nallah at Village at Dulape- Verna in Sy. No. 274/5, Sy.No. 274/1 and Sy.No. 273/15 in Nuvem Constituency of Salcete Taluka.

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

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

Ref. Letter No:WRD/SD I/WD II/F.Estt/572/2020-21 **.Dated:** 21-10-2020

Qty. Represented:

L.S. No: 13/20

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	182minutes	Not less than 30 Min
	ii) Final.	274minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	373.33Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	423.33Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	516.66/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28 %	

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

Junior Engineer

Assistant Engineer.