

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:- Improvement of culvert across Bhiunsa Khariz and Dandora bandh under Jurisdiction of Cuncolim Municipality in Salcete Taluka.

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

Source of receipt: Assistant Engineer, SD III, WD III, WRD, Gogol- Margao-Goa.

Ref. Letter No:261/SD III/WDIII/WRD/2020-21/395. **Dated:** 01-03-2021

Qty. Represented:

L.S. No: 2353/2021

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	178 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.	333.33 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. \pm 2hrs	406.66 Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. \pm 4 hrs	593.33Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28 %	

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

Junior Engineer

Assistant Engineer.

