

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 R.C.C box Conduit near Kenybab hotel in Fatorda Constituency Salcete-Goa.

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

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

Ref. Letter No: 233/SD III/WD III/WRD/19-20/282. **Dated:** - 12-11-2019

Qty. Represented:

L. S. No: 4678/19

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 9 micron sieve)	4%	Not more than 10%
2	Setting Time in (Minutes)		
	i) Initial	186 minutes	Not less than 30 Min
	ii) Final.	287 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ± 1 hrs.	384.00Kg/cm ²	Not less than230.0Kg/cm ²
	ii) 168 hrs. ± 2 hrs	486.33 Kg/cm ²	Not less than330.0Kg/cm ²
	iii) 672 hrs. ± 4 hrs	589.33Kg/cm ²	Not less than430.0Kg/cm ²
4	Consistency of cement.	29%	

To,

The Asst. Engineer. SD III, WD III, WRD, Gogol, Margao, Goa.

C.W.C. Submitted to:

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

Dhananjay R. Nagvenkar
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