

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:-** Development of nallah for steamlining the flow along the national highway in wadr No. 1 of Margao Municipality in Fatorda Constituency

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

**Source of receipt:** Assistant Engineer, SD III, WD III, WRD, Gogal , Goa

**Ref. Letter No:** W.F.236/SDIII/WDIII/WRD/19-20/378 **Dated:** 23-01-2020

**Qty. Represented:**

**L. S. No: 4781/19**

**Physical Properties**

<b>Sr. No</b>	<b>Description</b>	<b>Test results</b>	<b>Requirements as per I.S.</b>
1	Fineness. (% retained on 9 micron sieve)	4 %	Not more than 10%
2	Setting Time in (Minutes)		
	i) Initial	180 minutes	Not less than 30 Min
	ii) Final.	292 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm <sup>2</sup>		
	i) 72 hrs. ± 1 hrs.	343.33 Kg/cm <sup>2</sup>	Not less than 230.0Kg/cm <sup>2</sup>
	ii) 168 hrs. ± 2 hrs	456.66/cm <sup>2</sup>	Not less than 330.0Kg/cm <sup>2</sup>
	iii) 672 hrs. ± 4 hrs	583.33Kg/cm <sup>2</sup>	Not less than 430.0Kg/cm <sup>2</sup>
4	Consistency of cement.	29 %	

To,  
The Assistant Engineer, SD III, WD III, WRD, Gogal , 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.

