

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 Drainage on existing water ways in Sy.No. 121/2 at ChinchnagarXeldem in Curchorem Constituency.

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

**Source of receipt:** Assistant Engineer, SD V, WD XII, WRD, Quepem- Goa.

**Ref. Letter No:**WRD/ WD XII/ SD V/ F.15/ 145/ 2020-21. **Dated:** 20-11-2020

**Qty. Represented:**

**L.S. No:** 26/20

**Physical Properties**

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 90 micron sieve)	3 %	Not more than 10%
2	Setting Time in (Minutes) xxv) Initial	160 minutes	Not less than 30 Min
	xxvi) Final.	288 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm <sup>2</sup> i) 72 hrs. ±1 hrs.	366.66Kg/cm <sup>2</sup>	Not less than 230.0Kg/cm <sup>2</sup>
	ii) 168 hrs. ±2hrs	476.66Kg/cm <sup>2</sup>	Not less than 330.0Kg/cm <sup>2</sup>
	iii) 672 hrs. ±4 hrs	553.33Kg/cm <sup>2</sup>	Not less than 430.0Kg/cm <sup>2</sup>
4	Consistency of cement.	28 %	

To,

The Asst. Engineer.SD V, WD XII, WRD, Quepem- Goa.

C.W.C. Submitted to:

2. The Exe. Eng. W.D. XII, WRD, Gogol- Margao– Goa.
3. Office file.