

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 to the side bank of nallah at Rawabhat Shirvoi in Ward No. 2 in Quepem 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/ 124/ 2020-21. **Dated:**20-10-2020

Qty. Represented:

L.S. No: 26/20

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	192 minutes	Not less than 30 Min
	ii) Final.	284 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	386.66 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	433.33 Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	543.33 Kg/cm ²	Not less than 430.0Kg/cm ²
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.

Junior Engineer

Assistant Engineer.