

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:**-Stabilization of hill slope and Improvement of waterways in Sy.  
No. 12 & 39 in Village Dramapur of Salcete Taluka.

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

**Source of receipt:** Assistant Engineer, SD I, WD II , WRD, Rawanfond- Goa.

**Ref. Letter No:** WRD/SD I/WD II/F. Estt/370/ 2021-22. **Dated:** 29-11-2021

**Qty. Represented:**

**L.S. No:** F.31/04/2021.

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) lxv) Initial	168minutes	Not less than 30 Min
	lxvi) Final.	288minutes	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. ±2hrs	463.33Kg/cm <sup>2</sup>	Not less than 330.0Kg/cm <sup>2</sup>
	iii) 672 hrs. ±4 hrs	483.33Kg/cm <sup>2</sup>	Not less than 430.0Kg/cm <sup>2</sup>
4	Consistency of cement.	28%	

To,  
The Asst. Engineer.SD I, WD II, WRD, Rawanfond - Goa.  
C.W.C. Submitted to:  
2. The Exe. Eng. W.D. II, WRD, Rawanfond- Goa.  
3. Office file.

**Junior Engineer**

**Assistant Engineer.**