

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 for Hillock adjoining chalta No. 220 of P.T.sheet No.3 at Aquem of Margao – Goa.

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

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

Ref. Letter No:WRD /SD III/WD III /F.259/2020-21/273 **Dated:** 21-11-2020

Qty. Represented:

L.S. No: 21/20

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 90 micron sieve)	4 %	Not more than 10%
2	Setting Time in (Minutes)		
	i) Initial	182 minutes	Not less than 30 Min
	ii) Final.	296 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	323.33 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	426.66 Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	513.33 Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28 %	

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, AquemBaixo, Rawanfond- Goa
3. Office file.

Junior Engineer

Assistant Engineer.