

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:-Urgent repairs to existing spring & Tank at Daab Shirshirem in V.P. Borim of Shiroda Constituency. (2nd call).

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

Source of receipt: Assistant Engineer, SD IV, WD XI, WRD, Ponda- Goa.

Ref. Letter No: WRD/ WD XI/SD IV/W.F. 374/114/2020-21. **Dated:** 11-02-2021

Qty. Represented:

L. S. No: 157/2021

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	168minutes	Not less than 30 Min
	ii) Final.	288minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	333.33 Kg/cm ²	Not less than230.0Kg/cm ²
	ii) 168 hrs. ±2 hrs	466.66Kg/cm ²	Not less than330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	593.33Kg/cm ²	Not less than430.0Kg/cm ²
4	Consistency of cement.	28%	

To,
The Asst. Engineer.SD IV, WD XI, WRD, Ponda- Goa.
C.W.C. Submitted to:
1. The Exe. Eng. W.D.XI, WRD, Rawanfond– Goa.
2. Office file.

Junior Engineer

Assistant Engineer.