

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:-Improvement of nallah from Holy cross Sulabhat in Ward No.8 to Caitani house at Arebhat in V.P. Agassaim in St. Andre Constituency.

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

Source of receipt: Assistant Engineer, SD IV, WD I, WRD, Porvorim- Goa.

Ref. Letter No: M.I/SD IV/ WD / WRD/F. 38/ 2021-22/788. **Dated:** 17-03-2022.

Qty. Represented:

L.S. No: F.109/04/2021.

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) xxxiii) Initial	168minutes	Not less than 30 Min
	xxxiv) Final.	288minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	366.66 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	466.66Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	536.66Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28%	

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

Junior Engineer

Assistant Engineer.