

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 Retaining wall Savoi Verem nallah from Shri. Shripad Verekar house to Shri Vishnu Shet Verekar house on both sides in V.P. Verem Vaghurme in Constituency in Ponda Taluka.

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. 446/442/ 2021-22. **Dated:** 07-01-2022.

Qty. Represented:

L.S. No: F.76/10/2021.

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) lv) Initial	168minutes	Not less than 30 Min
	lvi) 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	483.33Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28%	

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

Junior Engineer

Assistant Engineer.