

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 to existing Irrigation tank (Tollem) at Paz in V.P. Shiroda of Shiroda Constituency.

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.556/467/2024-25. **Dated:** 10-12-2024
Qty. Represented:

L.S. No: F. 45/10/2024.

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) cli) Initial	168minutes	Not less than 30 Min
	clii) Final.	288minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	393.33 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	563.33Kg/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:

1. The Exe. Eng. W.D. XI, WRD, Rawanfond- Goa.
2. S.W.II, CPO, WRD, Sinchai Bhavan , Alto, Porvorim – Goa.
3. Office file.

Junior Engineer

Assistant Engineer