

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:- Flood mitigation measures to the bank of nallah at Deulmol
Shirvoi Quepem in Ward No.4 in Muncipal Council Quepem Taluka.

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

Source of receipt: Assistant Engineer, Sub Div. V, WD XII, WRD, Quepem- Goa

Ref. Letter No: WRD/SD V/ WD XII/F.15/130/2022-23. **Dated:** 22-09-2022.

Qty. Represented:

L.S. No: F. 149/05/2021

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) v) Initial	188minutes	Not less than 30 Min
	vi) Final.	292minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	386.66Kg/cm ²	Not less than230.0Kg/cm ²
	ii) 168 hrs. ±2 hrs	463.33 Kg/cm ²	Not less than330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	566.66 Kg/cm ²	Not less than430.0Kg/cm ²
4	Consistency of cement.	28 %	

To,
Assistant Engineer, Sub Div V, WD. XII,WRD, Quepem- Goa

C.W.C. Submitted to:
2. The Exe. Eng. W.D. XI, WRD, Rawanfnd- Goa.
3. Office file.

Junior Engineer

Assistant Engineer