

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 protection of the bank of Sal river at Dongrim in Village Majorda in Nuvem Constituency of Salcete Taluka.

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

Source of receipt: Assistant Engineer, SD I, WD II, WRD, Rawanfond- Goa.

Ref. Letter No: WRD/SD I/ WD II/ F.Esst/510/22-23. **Dated:** 25-11-2022.

Qty. Represented:

L.S. No: W.F.14/04/2022.

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) lxi) Initial	188minutes	Not less than 30 Min
	lxii) Final.	292minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	366.66Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	466.66 Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	586.66 Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28 %	

To,

The Asst. Engineer.SD I, WD II, WRD, Rawanfond- Goa.

C.W.C. Submitted to:

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