

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:- Urgent Construction of protection wall for collapsed banks
at Sy.No.55/1 at Sernabatim Village of Colva Village Panchayat
in Benaulim Constituency under Disaster Management.

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

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

Ref. Letter No: WRD/ SD I/WD II/F.Estt/287/2024-25. **Dated:** 25-10-2024

Qty. Represented:

L.S. No: F. 16/04/2024.

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) xvii) Initial	188 minutes	Not less than 30 Min
	xviii) Final.	289minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	336.66Kg/cm2	Not less than 230.0Kg/cm2
	ii) 168 hrs. ±2hrs	343.33Kg/cm2	Not less than 330.0Kg/cm2
	iii) 672 hrs. ±4 hrs	466.66Kg/cm2	Not less than 430.0Kg/cm2
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.

Junior Engineer

Assistant Engineer