

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 Open Type Bandhara at Voilem Agond under Sy.No. 52/8 of Village Agonda under Water Resources Department in Canacona Taluka.

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

Source of receipt: Assistant Engineer, SD II, WD XI, WRD, Canacona- Goa.

Ref. Letter No: WRD/ SD II/WD XI/F.8/4/245/2022-23. **Dated:** 27-02-2023.

Qty. Represented:

L.S. No: F. 46/05/2022.

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)		
	i) Initial	188 minutes	Not less than 30 Min
	ii) Final.	284minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	380.00Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	483.33Kg/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 II, WD XI, WRD, Canacona- 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