

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 of existing nullah adjacent to Sy.No. 9/0 of Village at Chamramaddem Voddy in Cuncolim Constituency.

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

Source of receipt: Assistant Engineer, SD III, WD III, WRD, Gogol- Margao- Goa.

Ref. Letter No: 344/SDIII/ WD III/WRD/23-24/562. **Dated:** 27-03-2024.

Qty. Represented:

L.S. No: F. 152/05/2023.

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) ciii) Initial	192minutes	Not less than 30 Min
	civ) Final.	286 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	346.66 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	436.66 Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	563.33 Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28 %	

To,
The Asst. Engineer.SD III, WD III, WRD, Gogol- Margao- Goa.
C.W.C. Submitted to:
2. The Exe. Eng. W.D. XI, WRD, Rawanfod- Goa.
3. S.W.II, CPO, WRD, Sinchai Bhavan , Alto, Porvorim – Goa.
4. Office file.

Junior Engineer

Assistant Engineer