

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 and strengthening the banks of Nullah adjacent to sapna berrier Borda within Margao Muncipal Area.

Type of Cement: Ordinary Portland cement **Brand / Grade:** Bharti

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

Ref. Letter No: 301/SD III/ WD III/ WRD/2021-22/420. **Dated:** 04-01-2022.

Qty. Represented:

L.S. No: F.66/04/2021

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) xiii) Initial	168 minutes	Not less than 30 Min
	xiv) Final.	288 minutes	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	446.66Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	533.33Kg/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. III, WRD, Ponda- Goa.
3. Office file.

Junior Engineer

Assistant Engineer.