

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 outlet of pond in Sy.No. 17/17 in Village Sirlim in Velim constituency.

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/03 /2022-23. **Dated:** 01-04-2022.

Qty. Represented:

L.S. No: F.126/04/2021

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 9 micron sieve)	4%	Not more than 10%
2	v) Initial	178minutes	Not less than 30 Min
	vi) Final.	272minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	383.33Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	456.66Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	596.66Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	29%	

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. Office file.

Junior Engineer

Assistant Engineer.