

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 to the retaining wall of Kapileshwari nallah at Varkhand Haveli junction in Ponda Taluka.

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

**Source of receipt:** Assistant Engineer, SD II, WD III, WRD, Ponda- Goa.

**Ref. Letter No:** W.F.24/SD II/ WD III/WRD/23-24/301. **Dated:** 11-12-2023.

**Qty. Represented:**

**L.S. No: F.31/04/2023**

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	Setting Time in (Minutes) xvii) Initial	178minutes	Not less than 30 Min
	xviii) Final.	272minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm <sup>2</sup> i) 72 hrs. ±1 hrs.	366.66Kg/cm2	Not less than 230.0Kg/cm2
	ii) 168 hrs. ±2hrs	433.33Kg/cm2	Not less than 330.0Kg/cm2
	iii) 672 hrs. ±4 hrs	566.66Kg/cm2	Not less than 430.0Kg/cm2
4	Consistency of cement.	29%	

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

**Junior Engineer**

**Assistant Engineer**