

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:-Providing flood control measures to the RHS bank of nallah at Kanijem Postwada Betul in V.P. Naqueri- Betul in Quepem Constituency.

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

Source of receipt: Assistant Engineer, SD V, WD XII, WRD, Quepem- Goa.

Ref. Letter No: WRD/ WD XII/SD V/F.15/148/ 2021-22. **Dated:** 03-01-2022.

Qty. Represented:

L.S. No: F.65/04/2021.

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) lxxiii) Initial	160 minutes	Not less than 30 Min
	lxxiv) Final.	288 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	366.66 Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	464.44 Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	593.33 Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28 %	

To,
The Asst. Engineer.SD V, WD XII, WRD,Quepem- Goa.
C.W.C. Submitted to:
2. The Exe. Eng. W.D. XI, WRD, Rawanfond– Goa.
3. Office file.

Junior Engineer

Assistant Engineer.