

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:-Urgent Improvement to left bank and right bank water coarse and nallah at Arla tank in V.P. Querim in Priol Constituency Ponda Taluka.

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

Source of receipt: Assistant Engineer, SD IV, WD XI, WRD, Ponda-Goa.

Ref. Letter No: WRD /WD XI/SD IV / F.CF / 313 / 2020-21**Dated:**25-11-2020

Qty. Represented:

L.S. No: 55/2020

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 90 micron sieve)	3 %	Not more than 10%
2	Setting Time in (Minutes)		
	i) Initial	182minutes	Not less than 30 Min
	ii) Final.	274minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ²		
	i) 72 hrs. ±1 hrs.	373.33Kg/cm ²	Not less than230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	423.33Kg/cm ²	Not less than330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	516.66 Kg/cm ²	Not less than430.0Kg/cm ²
4	Consistency of cement.	28 %	

To,

The Asst. Engineer.SD IV, WD XI, WRD, Ponda- Goa.

C.W.C. Submitted to:

1. The Exe. Eng. W.D.XI, WRD, Rawanfond, Aquem Baixo, Margao- Goa.
2. Office file.

Junior Engineer

Assistant Engineer.