

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3522,3556,3575,3608,3642,3684 & 3710/ Lab / **08** / 2022 - 23 Dated:- 04/04/2022. Laboratory : Bicholim - Goa.

Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :Improvement to the existing nallah from Shri. Sadanand Verenkar house to Shri. Anil Parulekar House and near Valankani Chepel at Dhon Wado in Saligao Constituency.

Ref. to Requisition No.: WRD/SDII/WDI/F.24/2021-22/480 Dt.:-17/ 03/ 2022

Qty. Received. : 07 Sets of cube Date of Receipt:- 17/ 03 / 2022. Tested on: 21,23,24,26,28,30 & 31/03/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :188,233,254,293,329,371 & 397/R.K Lab. Sample No.: 3376 to 3382 Tested By: Mrs. R.R.Kadam A.E.

REPORT PAGE 01 OF 02

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4, cast on 21/02/2022. PCC for Foundation.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 16.50 M3.
			224.26	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	228.79			
2	Cement concrete cube of mix 1:2:4, cast on 23/02/2022. PCC for 1st lift.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	12.90	Qty represents - 17.00 M3.
			233.32	Kg/Cm ²			
			228.79	Kg/Cm ²			
			Average	237.10			
3	Cement concrete cube of mix 1:2:4, cast on 24/02/2022. PCC for 1st lift.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	11.11	Qty represents - 18.00 M3.
			224.26	Kg/Cm ²			
			228.79	Kg/Cm ²			
			Average	233.32			
4	Cement concrete cube of mix 1:2:4, cast on 26/02/2022. PCC for 2nd lift.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	15.42	Qty represents - 18.00 M3.
			233.32	Kg/Cm ²			
			253.71	Kg/Cm ²			
			Average	242.38			
5	Cement concrete cube of mix 1:2:4, cast on 28/02/2022. PCC for 2nd lift.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 19.00 M3.
			242.38	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	225.02			

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1:2:4, cast on 02/03/2022. PCC for 3rd lift.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 14.00 Cum.
			240.12	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4, cast on 03/03/2022. PCC for 3rd lift.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 15.00 Cum.
			233.32	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	227.28	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD II , WDI, WRD, Mapusa, Bardez - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer , WDI ,WRD, Porvorim - Goa.

4. QC Lab File. 5. Bill File.

Assistant Engineer