

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 7227,7228,7247,7248,7259,7260/Lab/**106**/2023 - 24 Dated:- 22/06/2023.
7275,7276,7288,7289,7305,7306.

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

Name of work : Improvement to the existing nallah in Sy.No. 274 and 606/1 at Mazalwaddo in V.P. Anjuna in Siolim Constituency.

Ref. to Requisition No : SDI/WDI/WRD/F.57/2023-24/92. Dt.:- 12/06/2023

Qty. Received : **12** Sets of cube Date of Receipt:- 13/06/2023. Tested on:- 13,14,15,16,17 & 19/06/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 850,851,870,871,884,885,901,902,914,915,932,933/SS. Lab. Sample No: 7469 to 7480 Tested By: Mrs. S.B.Naik Shirodkar. J.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 16/05/2023. for Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 35.00 M3 for two sets of cube.
			219.73	Kg/Cm ²			
			228.79	Kg/Cm ²			
			Average	225.02			
2	Cement concrete cube of mix 1:2:4 , cast on 16/05/2023. for Foundation & Plinth.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.43	---do---
			222.00	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	223.51			
3	Cement concrete cube of mix 1:2:4 , cast on 17/05/2023. for Foundation & Plinth.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 36.00 M3 for two sets of cube.
			226.53	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	231.81			
4	Cement concrete cube of mix 1:2:4 , cast on 17/05/2023. for Foundation & Plinth.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	7.15	---do---
			226.53	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	225.02			
5	Cement concrete cube of mix 1:2:4 , cast on 18/05/2023. for Foundation & Plinth.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 35.00 M3 for two sets of cube.
			219.73	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	222.00			

Junior Engineer

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 18/05/2023. for Foundation & Plinth.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 35.00 M3 for two sets of cube.
			217.47	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 19/05/2023. for Foundation & Plinth.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 35.00 M3 for two sets of cube.
			226.53	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4 , cast on 19/05/2023. for Foundation & Plinth.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	3.55	---do---
			203.87	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
9	Cement concrete cube of mix 1:2:4 , cast on 20/05/2023. for Foundation & Plinth.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 34.00 M3 for two sets of cube.
			226.53	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
10	Cement concrete cube of mix 1:2:4 , cast on 20/05/2023. for Foundation & Plinth.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	5.71	---do---
			215.20	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
11	Cement concrete cube of mix 1:2:4 , cast on 22/05/2023. for Foundation & Plinth.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 35.00 M3 for two sets of cube.
			235.59	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	228.79	Kg/Cm²			
12	Cement concrete cube of mix 1:2:4 , cast on 22/05/2023. for Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.55	---do---
			210.67	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	217.47	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDI, WDI, WRD, Porvorim- 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.

Junior Engineer

Assistant Engineer