

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6607,6608,6612,6613,6624/Lab/**23**/2023 - 24 Dated:- 17/04/2023.
6625,6635,6636,6642,6643.

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

Name of work : Improvement to existing nallah from Fonseca house to the hall [Casa-do-Povo hall] V.P. St. Estevam in Cumbharjua Constituency.

Ref. to Requisition No : SDI/WDI/WRD/F.57/22-23/501. Dt.:- 15/03/2023

Qty. Received : **10** Sets of cube Date of Receipt:- 06/04/2023. Tested on:- 07,08,10,11 & 12/04/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1062,1063,1067,1068/RK & 620,621,631,632,641,642/SS Lab. Sample No: 6767 to 6776

Tested By: Mrs. R.R. Kadam A.E. & 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 10/03/2023. For Foundation & Plinth.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 40.00 Cum for two sets of cube.
			237.85	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	226.53			
2	Cement concrete cube of mix 1:2:4 , cast on 10/03/2023. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	6.07	--do--
			219.73	Kg/Cm ²			
			222.00	Kg/Cm ²			
			Average	222.75			
3	Cement concrete cube of mix 1:2:4 , cast on 11/03/2023. For Foundation & Plinth.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 42.00 Cum for two sets of cube.
			226.53	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	234.83			
4	Cement concrete cube of mix 1:2:4 , cast on 11/03/2023. For Foundation & Plinth.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	6.79	--do--
			215.20	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	224.26			
5	Cement concrete cube of mix 1:2:4 , cast on 13/03/2023. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 38.00 Cum for two sets of cube.
			210.67	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	216.71			

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 13/03/2023. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	9.31	Qty represents - 38.00 Cum for two sets of cube.
			224.26	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	229.55			
7	Cement concrete cube of mix 1:2:4 , cast on 14/03/2023. For Foundation & Plinth.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 45.00 Cum for two sets of cube.
			217.47	Kg/Cm ²			
			210.67	Kg/Cm ²			
			Average	224.26			
8	Cement concrete cube of mix 1:2:4 , cast on 14/03/2023. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	6.43	--do--
			208.40	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	223.51			
9	Cement concrete cube of mix 1:2:4 , cast on 15/03/2023. For Foundation & Plinth.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 43.00 Cum for two sets of cube.
			224.26	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	224.26			
10	Cement concrete cube of mix 1:2:4 , cast on 15/03/2023. For Foundation & Plinth.	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	12.90	--do--
			233.32	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	237.10			

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