

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 7131,7132,7142,7143,7156/Lab/97/2023 - 24 Dated:- 14/06/2023.
7157,7167,7168,7179,7180.

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

Name of work : Construction of protection wall for nallah bank in Sy. No. 130/2, 131/1 and 131/3 from downstream of road bridge of Village Poriem in Sattari Taluka.

Ref. to Requisition No : F.50/SDIV/WDVI/WRD/2023-24/26. Dt.:- 31/05/2023

Qty. Received : **10** Sets of cube Date of Receipt:- 01/06/2023. Tested on:- 05,06,07,08 & 09/06/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1429,1430,1440,1441,1454,1455,1465,1466,1477,1478/RK. Lab. Sample No: 7283 to 7292 Tested By: Mrs. R.R. Kadam A.E.

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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 08/05/2023. For Foundation (L.H.S) Ch. 0.00 to 40.00 mt.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	2.12	Qty represents - 40.80 m3 for two sets of cube.
			222.00	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	214.44			
2	Cement concrete cube of mix 1:2:4 , cast on 08/05/2023. For Foundation (L.H.S) Ch. 0.00 to 40.00 mt.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	4.27	--do--
			224.26	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	218.98			
3	Cement concrete cube of mix 1:2:4 , cast on 09/05/2023. For Foundation (L.H.S) Ch. 40.00 to 80.00 mt.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 40.80 m3 for two sets of cube.
			224.26	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	219.73			
4	Cement concrete cube of mix 1:2:4 , cast on 09/05/2023. For Foundation (L.H.S) Ch. 40.00 to 80.00 mt.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	2.48	--do--
			219.73	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	215.20			
5	Cement concrete cube of mix 1:2:4 , cast on 10/05/2023. For Foundation (L.H.S) Ch. 80.00 to 120.00 mt.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 40.80 m3 for two sets of cube.
			222.00	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	219.73			

Assistant Engineer

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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 10/05/2023. For Foundation (L.H.S) Ch. 80.00 to 120.00 mt.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 40.80 m3 for two sets of cube.
			226.53	Kg/Cm ²			
			201.61	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 11/05/2023. For Foundation (R.H.S) Ch. 0.00 to 40.00 mt.	28 th day compressive strength	190.28	Kg/Cm ²	210.00 Kg/cm ²	1.04	Qty represents - 40.80 m3 for two sets of cube.
			224.26	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	212.18	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4 , cast on 11/05/2023. For Foundation (R.H.S) Ch. 0.00 to 40.00 mt.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	1.04	--do--
			192.55	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	212.18	Kg/Cm²			
9	Cement concrete cube of mix 1:2:4 , cast on 12/05/2023. For Foundation (R.H.S) Ch. 40.00 to 80.00 mt.	28 th day compressive strength	251.44	Kg/Cm ²	210.00 Kg/cm ²	11.47	Qty represents - 40.80 m3 for two sets of cube.
			222.00	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	234.08	Kg/Cm²			
10	Cement concrete cube of mix 1:2:4 , cast on 12/05/2023. For Foundation (R.H.S) Ch. 40.00 to 80.00 mt.	28 th day compressive strength	201.61	Kg/Cm ²	210.00 Kg/cm ²	2.12	--do--
			219.73	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	214.44	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDIV, WDV, WRD, Sarvan, Bicholim - Goa.

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

3. Copy submitted to The Executive Engineer, WDV, WRD, Sarvan, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Assistant Engineer