

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6883,6884,6893,6894,6901,6902/Lab/62/2023 - 24 Dated:- 18/05/2023.
6910,6911,6913,6914,6925,6926.

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

Name of work : Improvement to Nallah bank in Survey No. 32/1 and 28/1 at Saleli V.P. Honda in Sattari Taluka.

Ref. to Requisition No : MIN/WDVI/WRD/SDII/F.62/23-24/19. Dt.:- 19/04/2023

Qty. Received : **12** Sets of cube Date of Receipt:- 19/04/2023. Tested on:- 11,12,13,14,15 & 16/05/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1178,1179,1190,1191,1194,1195,1210,1211/RK & 820,821,833,834/SS Lab. Sample No: 6856 to 6867

Tested By: Mrs. R.R. Kadam A.E. & Mrs. S.B. Naik Shirodkar. J.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 13/04/2023. PCC for Retaining wall D/s of bridge Left Side Foundation.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 28.00 m3 for two sets of Cube.
			203.87	Kg/Cm ²			
			222.00	Kg/Cm ²			
			Average	217.47			
2	Cement concrete cube of mix 1:2:4 , cast on 13/04/2023. PCC for Retaining wall D/s of bridge Left Side Foundation.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	6.43	---do---
			208.40	Kg/Cm ²			
			249.18	Kg/Cm ²			
			Average	223.51			
3	Cement concrete cube of mix 1:2:4 , cast on 14/04/2023. PCC for Retaining wall D/s of bridge Left Side Foundation.	28 th day compressive strength	267.30	Kg/Cm ²	210.00 Kg/cm ²	8.59	Qty represents - 27.00 m3 for two sets of Cube.
			201.61	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	228.04			
4	Cement concrete cube of mix 1:2:4 , cast on 14/04/2023. PCC for Retaining wall D/s of bridge Left Side Foundation.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	5.35	---do---
			224.26	Kg/Cm ²			
			228.79	Kg/Cm ²			
			Average	221.24			
5	Cement concrete cube of mix 1:2:4 , cast on 15/04/2023. PCC for Retaining wall D/s of bridge Left Side 1st Lift.	28 th day compressive strength	190.28	Kg/Cm ²	210.00 Kg/cm ²	1.04	Qty represents - 30.00 m3 for two sets of Cube.
			226.53	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	212.18			

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
6	Cement concrete cube of mix 1:2:4 , cast on 15/04/2023. PCC for Retaining wall D/s of bridge Left Side 1st Lift.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	1.76	Qty represents - 30.00 m3 for two sets of Cube.
			212.93	Kg/Cm ²			
			203.87	Kg/Cm ²			
			Average	213.69			
7	Cement concrete cube of mix 1:2:4 , cast on 16/04/2023. PCC for Retaining wall D/s of bridge Left Side 1st Lift.	28 th day compressive strength	262.77	Kg/Cm ²	210.00 Kg/cm ²	19.38	Qty represents - 28.00 m3 for two sets of Cube.
			255.97	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	250.69			
8	Cement concrete cube of mix 1:2:4 , cast on 16/04/2023. PCC for Retaining wall D/s of bridge Left Side 1st Lift.	28 th day compressive strength	269.57	Kg/Cm ²	210.00 Kg/cm ²	17.22	---do---
			231.06	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	246.16			
9	Cement concrete cube of mix 1:2:4 , cast on 17/04/2023. PCC for Retaining wall D/s of bridge Left Side 2nd Lift.	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	14.34	Qty represents - 30.00 m3 for two sets of Cube.
			244.65	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	240.12			
10	Cement concrete cube of mix 1:2:4 , cast on 17/04/2023. PCC for Retaining wall D/s of bridge Left Side 2nd Lift.	28 th day compressive strength	255.97	Kg/Cm ²	210.00 Kg/cm ²	17.94	---do---
			260.51	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	247.67			
11	Cement concrete cube of mix 1:2:4 , cast on 18/04/2023. PCC for Retaining D/s of bridge Right Side Foundation.	28 th day compressive strength	271.83	Kg/Cm ²	210.00 Kg/cm ²	27.65	Qty represents - 17.00 m3 for two sets of Cube.
			269.57	Kg/Cm ²			
			262.77	Kg/Cm ²			
			Average	268.06			
12	Cement concrete cube of mix 1:2:4 , cast on 18/04/2023. PCC for Retaining D/s of bridge Right Side Foundation.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	23.33	---do---
			271.83	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	258.99			

Copy to: 1. The Assistant Engineer, SDII, WDV, WRD, Valpoi Sattari - 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, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Assistant Engineer