

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1655,1656,1668,1669,1753,1754,1792 / Lab / **60**/ 2021 - 22 Dated:- 10 /05/ 2021. Laboratory : Bicholim - Goa.
,1793,1794,1826,1827,1855,1901 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Bandhara (Rajwalacho bandh) at village Golauli in V.P.Dongurli Thane in Sattari Taluka.

Ref. to Requisition No.:MIN/ WDV/WRD/SDII/F.62/21-22/14 Dated :- 12/ 04 / 2021.

Qty. Recived. :13 Sets of cube Date of Receipt:- 12/ 04 / 2021. Tested on: -12,13,21,25,29/04/2021 & 02,06/05/2021 as per due dates.

Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 1.5 : 3 O.S No. :5823,5824,5837,5838,5981,5982,5983,6029,6030,6065/SS,46,47,58/RK Lab. Sample No.: 1151 To 1163

Tested By: Mrs.R.R.Kadam A.E & Mrs. 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 : 1.5 : 3 , cast on 15/03/2021. For U/s Apron.	28 th day compressive strenath	285.42	Kg/Cm ²	265.00 Kg/cm ²	5.71	Qty represents - 20.00 Cum.
			262.77	Kg/Cm ²			
			292.22	Kg/Cm ²			
			Average	280.14 Kg/Cm²			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 15/03/2021. For U/s Apron.	28 th day compressive strenath	289.95	Kg/Cm ²	265.00 Kg/cm ²	13.69	Qty represents - 17.00 Cum.
			305.81	Kg/Cm ²			
			308.08	Kg/Cm ²			
			Average	301.28 Kg/Cm²			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 16/03/2021. For Retaining of Apron Left side & Right side Foundation.	28 th day compressive strenath	310.34	Kg/Cm ²	265.00 Kg/cm ²	14.83	Qty represents - 20.00 Cum.
			294.48	Kg/Cm ²			
			308.08	Kg/Cm ²			
			Average	304.30 Kg/Cm²			
4	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 16/03/2021. For U/s left side Retaining wall Foundation.	28 th day compressive strenath	276.36	Kg/Cm ²	265.00 Kg/cm ²	5.14	Qty represents - 20.00 Cum.
			271.83	Kg/Cm ²			
			287.69	Kg/Cm ²			
			Average	278.63 Kg/Cm²			
5	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 24/03/2021. For U/s left side Retaining wall Foundation.	28 th day compressive strenath	249.18	Kg/Cm ²	265.00 Kg/cm ²	1.44	Qty represents - 15.00 Cum.
			280.89	Kg/Cm ²			
			276.36	Kg/Cm ²			
			Average	268.81 Kg/Cm²			
6	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 24/03/2021. For U/s Right side Retaining wall Foundation.	28 th day compressive strenath	271.83	Kg/Cm ²	265.00 Kg/cm ²	3.72	Qty represents - 18.00 Cum.
			294.48	Kg/Cm ²			
			258.24	Kg/Cm ²			
			Average	274.85 Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value nermissable	% above or below	REMARK
7	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 28/03/2021. For U/s Right side Retaining wall Foundation.	28 th day compressive strenath	317.14	Kg/Cm ²	265.00 Kg/cm ²	19.10	Qty represents -14.00 Cum.
			310.34	Kg/Cm ²			
			319.40	Kg/Cm ²			
			Average	315.63			
8	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 28/03/2021. For Aprpon Center block.	28 th day compressive strenath	317.14	Kg/Cm ²	265.00 Kg/cm ²	9.42	Qty represents - 25.00 Cum.
			303.55	Kg/Cm ²			
			249.18	Kg/Cm ²			
			Average	289.95			
9	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 28/03/2021. For Aprpon Center block.	28 th day compressive strenath	253.71	Kg/Cm ²	265.00 Kg/cm ²	7.71	Qty represents - 26.00 Cum.
			283.16	Kg/Cm ²			
			319.40	Kg/Cm ²			
			Average	285.42			
10	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 01/04/2021. For U/s left side Retaining wall 1 st lift.	28 th day compressive strenath	276.36	Kg/Cm ²	265.00 Kg/cm ²	4.57	Qty represents - 15.00 Cum.
			292.22	Kg/Cm ²			
			262.77	Kg/Cm ²			
			Average	277.12			
11	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 01/04/2021. For U/s left side Retaining wall 1 st lift.	28 th day compressive strenath	285.42	Kg/Cm ²	265.00 Kg/cm ²	5.71	Qty represents - 16.00 Cum.
			283.16	Kg/Cm ²			
			271.83	Kg/Cm ²			
			Average	280.14			
12	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 04/04/2021. For U/s left side Retaining wall 2 nd lift.	28 th day compressive strenath	276.36	Kg/Cm ²	265.00 Kg/cm ²	4.57	Qty represents - 22.00 Cum.
			274.10	Kg/Cm ²			
			280.89	Kg/Cm ²			
			Average	277.12			
13	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 08/04/2021. For U/s left side Retaining wall 3 rd lift.	28 th day compressive strenath	294.48	Kg/Cm ²	265.00 Kg/cm ²	4.86	Qty represents - 23.00 Cum.
			271.83	Kg/Cm ²			
			267.30	Kg/Cm ²			
			Average	277.87			

Copy to: 1. The Assistant Engineer , SD II , WD VI , 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 , WD VI ,WRD, Bicholim- Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer