

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 747,748,763,764,775,776, / Lab / **266** / 2020 - 21 Dated:- 25 / 02 / 2021. Laboratory : Bicholim - Goa.
976,977,994,995 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :: Construction of Anjuna Distributory taking off at ch.28.970km of the left Bank Main canal of Tillari irrigation Project in Siolim & Anjuna village of Bardez Taluka.part II:Construction of Rising Main and reinstatement of allied structures of Anjuna Distributory from ch.0.0kms to ch.4.50kms in Cucholim and Siolim village of Bardez Taluka.

Ref. to Requisition No.:SD III/WDVIII/WRD/WF.32(PART-II)/20-21/266 Dated :- 20/ 01 / 2021.

Qty. Recived. : 10 Sets of cube Date of Receipt:- 20/01/ 2021. Tested on: - 21,25 & 26/01/2021 to 12 & 15/02/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:1.5:3 & 1:2:4 O.S No. : 4763,4764,4780,4781,4793,4794,5024,5025,5048,5049/SS. Lab. Sample No.: 139 To 148

Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value	% above or	REMARK
1	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 24/12/2020. For Thrust block.Ch.1.80 to 1.50km.	28 th day compressive strenath	271.83	Ka/Cm ²	265.00 Kg/cm ²	5.14	Qty represents - 20.00 cum.
			274.10	Ka/Cm ²			
			289.95	Ka/Cm ²			
			Average	278.63			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 24/12/2020. For Thrust block.Ch.1.80 to 1.50km.	28 th day compressive strenath	292.22	Ka/Cm ²	265.00 Kg/cm ²	12.55	Qty represents - 20.00 cum.
			294.48	Ka/Cm ²			
			308.08	Ka/Cm ²			
			Average	298.26			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 28/12/2020. For Thrust block.Ch.1.50 to 1.20km.	28 th day compressive strenath	283.16	Ka/Cm ²	265.00 Kg/cm ²	9.99	Qty represents - 20.00 cum.
			294.48	Ka/Cm ²			
			296.75	Ka/Cm ²			
			Average	291.46			
4	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 28/12/2020. For Thrust block.Ch.1.50 to 1.20km.	28 th day compressive strenath	271.83	Ka/Cm ²	265.00 Kg/cm ²	4.00	Qty represents - 20.00 cum.
			285.42	Ka/Cm ²			
			269.57	Ka/Cm ²			
			Average	275.61			
5	Cement concrete cube of mix 1 : 2 :4 , cast on 29/12/2020. For R/wall at Indogerman ITI ch 0 to 28m, Foundation.	28 th day compressive strenath	217.47	Ka/Cm ²	265.00 Kg/cm ²	6.43	Qty represents -10.00 cum.
			226.53	Ka/Cm ²			
			226.53	Ka/Cm ²			
			Average	223.51			
6	Cement concrete cube of mix 1 : 2 :4 , cast on 29/12/2020. For R/wall at Indogerman ITI ch 0 to 28m, Foundation.	28 th day compressive strenath	231.06	Ka/Cm ²	265.00 Kg/cm ²	9.31	Qty represents -10.00 cum.
			235.59	Ka/Cm ²			
			222.00	Ka/Cm ²			
			Average	229.55			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Cement concrete cube of mix 1 : 2 :4 , cast on 15/01/2020. For R/wall at Indogerman ITI ch 28 to 41.8m, Foundation.	28 th day compressive strenath	240.12	Ka/Cm ²	210.00 Kg/cm ²	15.42	Qty represents - 7.00 cum.
			260.51	Ka/Cm ²			
			226.53	Ka/Cm ²			
			Average	242.38			
8	Cement concrete cube of mix 1 : 2 :4 , cast on 15/01/2020. For R/wall at Indogerman ITI ch 28 to 41.8m, Foundation.	28 th day compressive strenath	212.93	Ka/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 7.00 cum.
			237.85	Ka/Cm ²			
			244.65	Ka/Cm ²			
			Average	231.81			
9	Cement concrete cube of mix 1 : 2 :4 , cast on 18/01/2020. For R/wall at Indogerman ITI ch 0 to 41.8m,1 st lift.	28 th day compressive strenath	217.47	Ka/Cm ²	210.00 Kg/cm ²	12.54	Qty represents - 16.00 cum.
			260.51	Ka/Cm ²			
			231.06	Ka/Cm ²			
			Average	236.34			
10	Cement concrete cube of mix 1 : 2 :4 , cast on 18/01/2020. For R/wall at Indogerman ITI ch 0 to 41.8m,1 st lift.	28 th day compressive strenath	251.44	Ka/Cm ²	210.00 Kg/cm ²	16.50	Qty represents - 16.00 cum.
			237.85	Ka/Cm ²			
			244.65	Ka/Cm ²			
			Average	244.65			

Copy to: 1. The Assistant Engineer , SDIII , WD VIII, WRD, Karaswada, Bardez - 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 VIII ,WRD, Karaswada -Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer