

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1578,1579,1580,1585 / Lab / 16 / 2021 - 22 Dated:- 17/04/2021. Laboratory : Bicholim - Goa.

Sub Division V (OC)/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)/20-21/305 Dated :- 08/03/2021.

Qty. Recived. :04 Sets of cube Date of Receipt:- 08/03/2021. Tested on: -29,31/03/2021 & 02,03/04/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 & 1:1.5:3 O.S No. : 5720,5721,5722,5737/ SS. Lab. Sample No.:757 to 760 Tested By: Mrs. Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 01/03/2021.For CD's at Ch.2.99km and 3.00kms (at suvidha masala factory) on LHS.	28 <sup>th</sup> day compressive strength	217.47	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	11.82	Qty represents -10.30 Cum.
			233.32	Kg/Cm <sup>2</sup>			
			253.71	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>234.83</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 03/03/2021. For Thrust block.At pump house.	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	9.99	Qty represents -20.00 Cum.
			314.87	Kg/Cm <sup>2</sup>			
			276.36	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>291.46</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 05/03/2021.For Retaining wall at Holy cross church Marna-1 <sup>st</sup> lift and CD's at Ch.2.99km and 3.00kms (at suvidha masala factory) in RHS.	28 <sup>th</sup> day compressive strength	240.12	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.23	Qty represents -17.00 Cum.
			226.53	Kg/Cm <sup>2</sup>			
			215.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>227.28</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 06/03/2021.For Retaining wall at Holy cross church Marna-2 <sup>nd</sup> lift.	28 <sup>th</sup> day compressive strength	217.47	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.59	Qty represents -16.50 Cum.
			249.18	Kg/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>228.04</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD III , WD VIII, 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, Karaswada-Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer