

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2482,2508,2527,2589,2598,2625 / Lab / 163 / 2021 - 22 Dated:-23/07/2021. Laboratory : Bicholim - Goa.  
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)/21-22/85 Dated :- 01/ 07/ 2021.

Qty. Received. :06 Sets of cube Date of Receipt:- 02/07/ 2021. Tested on:-02,05,07,13,14,20/07/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 & 1:1.5: 3 O.S No. :6724,6754,6775,6838,6847,6863/ SS. Lab. Sample No.: 2025 to 2030 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 04/06/2021.For Road side R/wall at Marna petrol pump foundation.	28 <sup>th</sup> day compressive strength	240.12	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	13.98	Qty represents -10.00 Cum.
			237.85	Kg/Cm <sup>2</sup>			
			240.12	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>239.36</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 07/06/2021.For Road side R/wall at Marna petrol pump 1 <sup>st</sup> lift.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	12.54	Qty represents -6.00 Cum.
			237.85	Kg/Cm <sup>2</sup>			
			244.65	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>236.34</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 09/06/2021.For Road side gutter at Nazri villa (EP-LT-173-36/46).	28 <sup>th</sup> day compressive strength	228.79	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.51	Qty represents -7.00 Cum.
			231.06	Kg/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.77</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 :1.5: 3</b> , cast on 15/06/2021.For Thrust block at pump house-1 <sup>st</sup> lift.	28 <sup>th</sup> day compressive strength	265.04	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	5.43	Qty represents -18.50 Cum.
			280.89	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>279.38</b>	<b>Kg/Cm<sup>2</sup></b>			
5	Cement concrete cube of mix <b>1 :1.5: 3</b> , cast on 16/06/2021.For Thrust block at pump house-2 <sup>nd</sup> lift.	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	3.72	Qty represents -18.50 Cum.
			258.24	Kg/Cm <sup>2</sup>			
			283.16	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>274.85</b>	<b>Kg/Cm<sup>2</sup></b>			
6	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 22/06/2021.For Chamber for NRV at pump house-walls.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	1Qty represents -12.00 Cum.
			217.47	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>224.26</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