

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1559,1571,1577,1588/ Lab /**323**/ 2020 - 21 Dated:-05/04/ 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.: SDIII/WDVIII/WRD/WF.32(PART-II)/20-21/336 Dated :- 31/ 03 / 2021.

Qty. Recived. :04 Sets of cube Date of Receipt:- 31/ 03 / 2021. Tested on: -31/03/2021 & 01,02 & 03/04/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No.5698,5711,5119,5732 /SS Lab. Sample No.: 1073 to 1076 Tested By: Mrs. 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 <b>1 :2 : 4</b> , cast on 24/03/2021. For R/wall at Cucholim bridge. Ch.30-41.0 foundation.	7 <sup>th</sup> day compressive strength	174.43	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	22.43	Qty represents - 20.50 Cum.
			167.63	Kg/Cm <sup>2</sup>			
			172.16	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>171.40</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 25/03/2021. For R/wall at Cucholim bridge. Ch.41-50.0 foundation.	7 <sup>th</sup> day compressive strength	151.77	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	11.65	Qty represents -18.00 Cum.
			154.04	Kg/Cm <sup>2</sup>			
			163.10	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>156.30</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 26/03/2021. For R/wall at Cucholim bridge. Ch.50-60.0 foundation.	7 <sup>th</sup> day compressive strength	160.83	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	9.49	Qty represents - 19.00 Cum.
			154.04	Kg/Cm <sup>2</sup>			
			144.98	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>153.28</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 27/03/2021. For R/wall at Cucholim bridge. Ch.0-13.0 1st lift.	7 <sup>th</sup> day compressive strength	144.98	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	12.72	Qty represents - 19.00 Cum.
			169.89	Kg/Cm <sup>2</sup>			
			158.57	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>157.81</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD III , 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