

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1004,1097/ Lab / **258** / 2020 - 21 Dated:- 22/ 02 / 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 III:construction of Rising Main from ch.4.50. kms to ch.7.290 kms,Break Pressure tank(BPT), Gravity main from ch0.00m kms and reinstatement of allied structures of Anjuna Distributory in Siolim and Assagao village of Bardez Taluka.**

Ref. to Requisition No.: SD III/WDVIII/WRD/WF.32(PART-III)/2020/21/289 Dated :- 16/ 02 / 2021.

Qty. Recived. :02 Sets of cube Date of Receipt:- 16/ 02/ 2021. Tested on: - 16/02/2021 & 22/02/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:1.5:3 & 1:2:4 O.S No. :5061,5163/SS Lab. Sample No.: 502 & 503 Tested By: Mrs. S.B. Naik 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 : 1.5 : 3</b> , cast on 09/02/2021. For Culvert slab at Muskan Chicken centre-Siolim.	7 <sup>th</sup> day compressive strength	167.63	Kg/Cm <sup>2</sup>	175.00 Kg/cm <sup>2</sup>	6.14	1)Qty represents -10.00 Cum. 2)28th day test due on 09/03/2021
			203.87	Kg/Cm <sup>2</sup>			
			185.75	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>185.75</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 15/02/2021. For Air valve chamber at Ch.3.20km.	7 <sup>th</sup> day compressive strength	172.16	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	25.67	1)Qty represents -14.50 Cum. 2)28th day test due on 15/03/2021
			183.49	Kg/Cm <sup>2</sup>			
			172.16	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>175.94</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