

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9849,9916,9947,9976 & 059 / Lab / **68** / 2020 - 21 Dated:- 23/06 / 2020 Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Construction of Anjuna Distributory taking off at ch. 28.97 km of the L.B.M.C. of T.I. P. in Siolim & Anjuna Village of Bardez Taluka.**

**Part III :Construction of Rising main from ch.4.50 km to ch. 7.29 kms, Break Pressure Tank (BPT), Gravity Main from ch.0.00km to ch. 1.00 kms and reinstatement of allied structures for Anjuna Distributory in Siolim and Assagao Village of Bardez Taluka.**

Ref. to Requisition No.: SD III/WD VIII/WRD / W F.32 /(PART -III)/2020-21/24 dated :- 04 / 06 / 2020.

Qty. Recived. : 05 Sets of cube Date of Receipt:- 04 / 06 / 2020. Tested on: - 05/06/2020 TO 20 /06/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 & 1 : 1.5 : 3 O.S No. : 3804,3851,3869,3893 & 3959/SS. Lab. Sample No.: 9089 TO 9093

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

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SR.N O.	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 08/05/2020, for CD's from ch.4.80 - 6.50kms. (S14)	28 <sup>th</sup> day compressive strength	267.30	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	19.02	Qty represents - 12.00 Cum.
			244.65	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>249.93</b>			
2	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 12/05/2020, PCC for Thrust block, ch. 4.80 -5.00 kms. (S15)	28 <sup>th</sup> day compressive strength	267.30	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	7.99	Qty represents - 16.00 Cum.
			299.01	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>286.18</b>			
3	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 14/05/2020, PCC for Thrust block, ch. 5.00 -5.50 kms. (S16)	28 <sup>th</sup> day compressive strength	271.83	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	8.85	Qty represents - 15.00 Cum.
			285.42	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>288.44</b>			
4	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 15/05/2020, PCC for Thrust block, ch. 5.50 -6.00 kms. (S17)	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	5.43	Qty represents -12.00 Cum.
			285.42	Kg/Cm <sup>2</sup>			
			269.57	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>279.38</b>			
5	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 23/05/2020, PCC for Thrust block, ch. 6.00 -6.50 kms. (S18)	28 <sup>th</sup> day compressive strength	276.36	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	7.99	Qty represents -18.00 Cum.
			285.42	Kg/Cm <sup>2</sup>			
			296.75	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>286.18</b>			

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