

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9829,9898,9930,014 & 044 / Lab / **67** / 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 II:Construction of Rising main and reinstatement of allied structures for Anjuna Distributory from ch.0.00km to ch. 4.50kms in Cucholim and Siolim Village of Bardez Taluka.**

Ref. to Requisition No.: SD III /WD VIII / WRD/ W F.32 /(PART -II)/2020-21/25 dated :-04 / 06 / 2020.

Qty. Recived. : 05 Sets of cube Date of Receipt:- 04 / 06 / 2020. Tested on: - 04/06/2020 TO 19 /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. : 3788,3838,3859,3920 & 3945/SS. Lab. Sample No.: 9084 TO 9088

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 07/05/2020, for CD's at ch.3.10 - 4.50kms. (S13)	28 <sup>th</sup> day compressive strength	246.91	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	16.50	Qty represents - 15.00 Cum.
			237.85	Kg/Cm <sup>2</sup>			
			249.18	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>244.65</b>			
2	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 11/05/2020, PCC for Thrust block, ch. 3.10 -4.00 kms. (S14)	28 <sup>th</sup> day compressive strength	271.83	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	6.28	Qty represents - 18.00 Cum.
			283.16	Kg/Cm <sup>2</sup>			
			289.95	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>281.65</b>			
3	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 13/05/2020, PCC for Thrust block, ch. 4.00 -4.50 kms. (S15)	28 <sup>th</sup> day compressive strength	285.42	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	12.84	Qty represents - 12.00 Cum.
			294.48	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>299.01</b>			
4	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 20/05/2020, for Abutment wall for culvert slab at Ganeshpuri jn road. (S16)	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	11.13	Qty represents -15.00 Cum.
			294.48	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>294.48</b>			
5	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 22/05/2020, for road culvert slab at Ganeshpuri jn road. (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 -10.00 Cum.
			276.36	Kg/Cm <sup>2</sup>			
			278.63	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>279.38</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