

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 262,264,279,295,306 & 321/ Lab / **144** /2020 - 21 Dated:- 02/12 / 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 Left bank main canal of Tillari Irrigation Project in Siolim & Anjuna Village of Bardez Taluka. Part III : Construction of Rising main from ch. 4.5km to 7.295km,Break Pressure tank(BPT),Gravity Main from Ch. 0.00kms to Ch. 1.00kms and reinstatement of allied structures for Anjuna Distributory f in Siolim and Anjuna village of Bardez Taluka.

Ref. to Requisition No.: SD III /WD VIII / WRD / W F.32 /(PART -III)/2020-21/ 161 Dated :- 02 / 11 / 2020.

Qty. Received. : 06 Sets of cube Date of Receipt:- 05/11/ 2020. Tested on: - 02/11/2020 to 26/11/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 & 1:1.5:3 O.S No. :4194,4196,4216,4244,4253 & 4276/SS. Lab. Sample No.: 9484 & 9489 Tested By: Mrs. S. B. Naik Shirodkar J.E.

PAGE 01 OF 02

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2 : 4 , cast on 08/10/2020, for road side gutter at ch.5.49kms.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 11.00 Cum.
			219.73	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/10/2020, for road culvert/CD walls at ch.5.00kms	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ³	3.91	Qty represents - 12.00 Cum.
			206.14	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
3	Cement concrete cube of mix 1 :1.5 : 3 , cast on 16/10/2020, for road culvert/CD top slab at ch.5.00kms	28 th day compressive strength	260.51	Kg/Cm ²	265.00 Kg/cm ³	6.00	Qty represents - 4.00 Cum.
			283.16	Kg/Cm ²			
			299.01	Kg/Cm ²			
		Average	280.89	Kg/Cm²			

Junior Engineer

Assistant Engineer

4	Cement concrete cube of mix 1 : 2 : 4 , cast on 23/10/2020, for road side gutter/drains at ch.6.15 to 7.00kms sonarkhand.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ³	8.23	Qty represents - 4.50 Cum.
			203.87	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 26/10/2020, for road side gutter/drains at ch.6.15 to 7.00kms sonarkhand.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ³	6.07	Qty represents - 6.00 Cum.
			226.53	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 29/10/2020, for road side gutter at ch.PHC.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ⁴	7.51	Qty represents - 5.00 Cum.
			215.20	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	225.77	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD III , WD VIII, WRD, Karaswada - Bardez - Goa.

2. The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. The Executive Engineer ,WD VIII, WRD, Karaswada - Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer