

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 258,259,282,284,286,293,294,310 & 315/ Lab / **145** /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 II : Construction of Rising main and reinstatement of allied structures for Anjuna Distributory from Ch. 0.00kms 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/ 160 Dated :- 02 / 11 / 2020.

Qty. Received. : 09 Sets of cube Date of Receipt:- 02/11/ 2020. Tested on: - 02/11/2020 to 25/11/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 & 1:1.5:3 O.S No. :4187,4188,4221,4224,4226,4239,4240,4260 &4268/SS.

Lab. Sample No.: 9475 to 9483

Tested By: Mrs.

Sanmani NaikShirodkar 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 05/10/2020, Abutment wall for culvert at Marna petrol pump 1st lift.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 16.00 Cum.
			235.59	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 06/10/2020, Abutment wall for culvert at Marna petrol pump 2nd lift.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ³	2.83	Qty represents - 11.00 Cum.
			226.53	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	215.95	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 17/10/2020, Road C.D. at Marna bus stop.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ³	6.79	Qty represents - 3.00 Cum.
			240.11	Kg/Cm ²			
			215.19	Kg/Cm ²			
		Average	224.26	Kg/Cm²			

Junior Engineer

Assistant Engineer

4	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/10/2020, Road C.D. at Marna bus stop.	28 th day	222.00	Kg/Cm ²	210.00 Kg/cm ³	3.56	Qty represents - 4.00 Cum.
		compressive	203.87	Kg/Cm ²			
		strength	226.53	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/10/2020, Road side gutter at Marna bus stop.	28 th day	226.53	Kg/Cm ²	210.00 Kg/cm ³	4.63	Qty represents - 3.50 Cum.
		compressive	215.19	Kg/Cm ²			
		strength	217.47	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
6	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 22/10/2020, Thrust block at Marna petrol pump	28 th day	294.48	Kg/Cm ²	265.00 Kg/cm ³	4.57	Qty represents - 24.00 Cum for two sets of cubes.
		compressive	278.63	Kg/Cm ²			
		strength	258.24	Kg/Cm ²			
		Average	277.12	Kg/Cm²			
7	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 22/10/2020, Thrust block at Marna petrol pump	28 th day	269.56	Kg/Cm ²	265.00 Kg/cm ³	6.00do....
		compressive	301.28	Kg/Cm ²			
		strength	271.83	Kg/Cm ²			
		Average	280.89	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 27/10/2020, Nalla crossing and side gutters at ch.1.5 -2.0kms.	28 th day	215.20	Kg/Cm ²	210.00 Kg/cm ³	7.15	Qty represents - 7.50 Cum.
		compressive	242.38	Kg/Cm ²			
		strength	217.47	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 28/10/2020, Nalla crossing and side gutters at ch.1.5 -2.0kms.	28 th day	231.06	Kg/Cm ²	210.00 Kg/cm ³	6.79	Qty represents - 6.50 Cum.
		compressive	215.20	Kg/Cm ²			
		strength	226.52	Kg/Cm ²			
		Average	224.26	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