

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T :6821,6822,6851,6852,6875,6992/ Lab / **170** / 2019 - 20

Dated:- 10 / 06 / 2019

Laboratory : Bicholim -Goa / Sub Division V (QC)/WRD/ Bicholim -Goa.

Name of Work: - Construction of Outlets and field channels for DOR-11,DOR-12,DOR-13 and DOR-14 of S.D.C. of L.B.M.C. of T.I.P. at Bicholim - Goa.

Ref. to Requisition No.: WRD/WD VIII/SD VI / F.249 /2019-20/ **22** Dated :- 25-05-2019

Qty. Recived. : 06 Sets of cube Date of Receipt: - 25/05/2019. Tested on: - 27/05/19 To 04 /06/2019 Ref to CPWD :2002, Vol. I

Sample: PCC 1 : 2 : 4 & 1 : 3 : 6 Mix O.S No. : 486,487/SP, 790,791/AF,519/SP, 2052/SS. Lab. Sample No.: 4920 To 4925. Tested By: - Mr. S.M. Patri. A.E. , Anil. R.

Fadte. J.E. & Mrs. S. B. Naik Shirodkar. J.E..

SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 3 : 6, cast on 29 / 04 /2019, PCC for pillars of HRP bed and chambers at Outlet No. 11 .	28 th day compressive strength	126.85	Kg/Cm ²	100.00 Kg/Cm ²	20.06	Represents quantity - 14.00 Cum.
			120.06	Kg/Cm ²			
			113.26	Kg/Cm ²			
			Average	120.06			
2	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 29 / 04 /2019, PCC for pillars of HRP and chambers at Outlet No. 11 and valve chambers. .	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/Cm ²	6.79	Represents quantity - 15.00 Cum.
			224.26	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	224.26			
3	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 30 / 04 /2019, PCC for chambers & pillars of HRP of Outlet No. 11 .	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/Cm ²	6.07	Represents quantity - 23.00 Cum for two sets of cubes .
			210.67	Kg/Cm ²			
			224.26	Kg/Cm ²			
			Average	222.75			
4	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 30 / 04 /2019, PCC for chambers & pillars of HRP of Outlet No. 11 .	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/Cm ²	4.63	... Do ...
			212.93	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	219.73			
5	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 02 / 05 /2019, PCC for chambers & pillars of HRP of Outlet No.11 .	28 th day compressive strength	262.77	Kg/Cm ²	210.00 Kg/Cm ²	24.77	Represents quantity - 14.00 Cum.
			262.77	Kg/Cm ²			
			260.51	Kg/Cm ²			
			Average	262.02			
6	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 07 / 05 /2019, PCC for chambers & pillars of HRP of Outlet No.11 .	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/Cm ²	17.94	Represents quantity - 14.50 Cum.
			271.83	Kg/Cm ²			
			240.12	Kg/Cm ²			
			Average	247.67			

Copy to: 1. The Assistant Engineer SD VI , WD VIII , WRD , Bicholim - Goa.

2. Copy submitted to the Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa. For kind Information.

3. Copy submitted to the Executive Engineer ,WDVIII, WRD, Karaswada - Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer