

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :9197,9214,9301,9315 / Lab / **505** / 2019 - 20
Laboratory : Bicholim - Goa.

Dated:- 30 / 03 / 2020
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Maintenance of Lift Irrigation Scheme at Torshe in Pernem Taluka. (Rearing Extension of Half Round Pipe Canal).

Ref. to Requisition No.: MI/SDIII/WDI/WRD/ F. 58 /2019-20/ **389** Dated :- 09 /02 / 2020.

Qty. Recived. : 04 Sets of cube Date of Receipt: - 09/02/2020. Tested on: 17/03/2020 To 26/03/2020 as per due dates. Ref to CPWD : 2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. : 3486,3501/SS,673,678/SP. Lab. Sample No.: 8354 To 8357 Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. S. M. Patri. A. E.

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 18/02/2020. P.C.C. for Pedestals / Chambers .	28 th day compressive strength	260.51	Kg/Cm2	210.00kg/cm2	19.38	1) Quantity represents 23.00 Cum. 2) Exact location of actual work done is not specified.
			242.38	Kg/Cm2			
			249.18	Kg/Cm2			
		Average	250.69	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 19/02/2020. P.C.C. for Pedestals / Chambers .	28 th day compressive strength	217.47	Kg/Cm2	210.00kg/cm2	14.70	1) Quantity represents 21.00 Cum. 2) Exact location of actual work done is not specified.
			260.51	Kg/Cm2			
			244.65	Kg/Cm2			
		Average	240.87	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 26/02/2020. P.C.C. for Pedestals / Chambers .	28 th day compressive strength	271.83	Kg/Cm2	210.00kg/cm2	13.26	1) Quantity represents 20.00 Cum. 2) Exact location of actual work done is not specified.
			246.91	Kg/Cm2			
			194.81	Kg/Cm2			
		Average	237.85	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 27/02/2020. P.C.C. for Pedestals / Chambers .	28 th day compressive strength	244.65	Kg/Cm2	210.00kg/cm2	20.81	1) Quantity represents 25.00 Cum. 2) Exact location of actual work done is not specified.
			262.77	Kg/Cm2			
			253.71	Kg/Cm2			
		Average	253.71	Kg/Cm2			

Copy to: 1. The Assistant Engineer ,SD III,WD I,WRD, Pernem - 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 I,WRD, Porvorim Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer