

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 453,472,479,487 & 504 / Lab / **186** /2020 - 21 Dated:- 05/01/ 2021 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Improvement and strengthening to the canal lining from ch. 4.805 km to 4.970 km of RBMC of AIP at Keri in Sattari Taluka.

Ref. to Requisition No.: F.37 /WRD/SDI/WD V/AIP/ 104/2020-21 dated :- 17/ 12 / 2020.

Qty. Received. : 05 Sets of cube Date of Receipt:- 26/ 12 / 2020. Tested on: - 26,29,30/12/2020 & 01, 02/01/2021. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 4483,4512,4523,4535 & 4556 /SS. Lab. Sample No.: 9849 To 9853 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	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 28/11 /2020. For canal lining.	28 th day	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 22.80 Cum.
		compressive	235.59	Kg/Cm ²			
		strength	215.20	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 01/12 /2020. For rcanal lining.	28 th day	219.73	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 22.80 Cum.
		compressive	226.53	Kg/Cm ²			
		strength	249.18	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 02/12 /2020. For canal lining.	28 th day	219.73	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 22.80 Cum.
		compressive	217.47	Kg/Cm ²			
		strength	222.00	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 04/12 /2020. For canal lining.	28 th day	215.20	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 22.80 Cum.
		compressive	237.85	Kg/Cm ²			
		strength	244.65	Kg/Cm ²			
		Average	232.57	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 06/12 /2020. For canal lining.	28 th day	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 21.50 Cum.
		compressive	231.06	Kg/Cm ²			
		strength	208.40	Kg/Cm ²			
		Average	225.02	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDI , WD V, WRD, Kerim, Sattari - 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 V ,WRD, Karapur Tisk, Sankhali - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer