

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8005 & 8006 / Lab / **329** / 2019 - 20 Dated:- 12 / 12 / 2019 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :- Improvement to the R.B.M.C. of T.I.P. by Providing 100 mm thick RC.C. lining from ch 0.00 kms to 6.020 km excluding Hassapur aquaduct and Kalna aquaduct between Ch 4.165 km to Ch. 4.227 and Ch. 4.772 to Ch. 5.117 km at village Ankane-Hassapur and Hali in Pernem Taluka.

Ref No.:- WRD / SD V, QC/WDVIII/ F.3-9 /2019-20/**326** dated :-14 / 11 / 2019. (**Q.C.PROGRAMME**)

Qty. Recived. : 02 Sets of cube Date of Receipt:- 14/ 05 / 2019. Tested on: - 11 /12 /2019 Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1 : 1.5 : 3 O.S No. : 1216 & 1217 /AF. Lab. Sample No.: 6874 To 6875 Tested By: Mr. Anil. R. Fadte. J.E.

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , (RMC Supplied by ACC Ltd.) cast on 13/11/2019, RCC for Canal Lining between ch. 11.00 m to 22.00 m for L.H.S. Panel. (Cubes were casted during site inspection by Q.C.Officials at site in the presence of Civil Engineers represented by M/s Premier construction)	28 th day compressive strength	323.93	Kg/Cm ²	265.00 Kg/cm ²	24.23	1) Qty represents - 6.00 Cum.
			319.40	Kg/Cm ²			
			344.32	Kg/Cm ²			
		Average	329.22	Kg/Cm²			
2	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , (Produced by Ajax machine at site of work) cast on 13/11/2019, RCC for Canal Lining between ch. 11.00 m to 22.00 m L.H.S. Panel. (Cubes were casted during site inspection by Q.C.Officials at site in the presence of Civil Engineers represented by M/s Premer construction)	28 th day compressive strength	337.52	Kg/Cm ²	265.00 Kg/cm ²	19.67	1) Qty represents - 1.70 Cum.
			271.83	Kg/Cm ²			
			342.05	Kg/Cm ²			
		Average	317.14	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDI , WD VII, WRD, Dhargal - 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 VII ,WRD, Dhargal - Pernem - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer