

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7956 & 7957 / Lab / **302** / 2019 - 20 Dated:- 20/ 11 / 2019 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Improvement to the RBMC of TIP by Providing 100 mm thick RCC lining from ch 0.00 kms to 6.020 km excluding Hassapur aquaduct and Kalna aquaduct between Ch 4.165 km to 4.227 and 4.772 to 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: - 20 /11/2019 Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1 : 1.5 : 3 O.S No. : 2756 & 2757 /SS. Lab. Sample No.: 6874 To 6875 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

Cube test is witnessed by Shri. D. Y. Salelkar, EE, WD VII, & Shri. Ulhas Shetye, JE , SD I, WD VII, WRD.

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, for RCC 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)	7 th day compressive strength	251.44	Kg/Cm ²	175.00 Kg/cm ²	49.29	1) Qty represents - 6.00 Cum. 2) 28 th day test is due on 11/12/2019, which may please be witnessed.
			240.12	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	261.26	Kg/Cm²			
2	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , (Produced Ajax machine at site of work) cast on 13/11/2019, for RCC 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)	7 th day compressive strength	231.06	Kg/Cm ²	175.00 Kg/cm ²	28.15	1) Qty represents - 1.70 Cum. 2) 28 th day test is due on 11/12/2019, which may please be witnessed.
			226.53	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	224.26	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