

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T-6695,6696,7013,7037/Lab/ **162** /2019 -20 Dated:- 06/06/2019 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim - Goa.

Name of Work: - Construction of Barrage and up gradation of Raw water pumping station at Ganjem on Mhadei River for Augmentation of Raw water for OPA Water Works. Part III : Construction of Bank Protection wall for upstream of Barrage at Ganjem in Sattari taluka.

Ref. to Requisition No.: MI/WRD / WD VI/SD II /F.62 / **78** /2019-20 Dated: -13-05-2019
Qty. Recived. : 04 Sets of cube Date of Receipt: 14/05/2019. Tested on: 04/06/2019 To 06/06/2019 as per due dates. Ref to CPWD :2002, Vol. I
Sample: Cube PCC 1:1.5:3 Mix O.S No. : 2054,2055,2075,2101/SS Lab. Sample No.: 4672 To 4675. Tested By: Mrs. S,B,Naik Shirodkar J.E.

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR			Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 1.5 : 3 , cast on 07/05/2019, Plain Concrete for wall -I wall step -3 near L.I.S. Dhamace Ch. 0 To 41m.	28 th day compressive strength	305.81	Kg/Cm2	265.00 Kg/Cm ²	14.83	Quantity represents - 12.50 Cum.
			317.14	Kg/Cm2			
			289.95	Kg/Cm2			
		Average	304.30	Kg/Cm2			
2	Plain Cement concrete cube of mix 1 : 1.5 : 3 , cast on 07/05/2019, Plain Concrete for wall -I wall step -3 near L.I.S. Dhamace Ch. 0 To 41m.	28 th day compressive strength	308.08	Kg/Cm2	265.00 Kg/Cm ²	21.10	Quantity represents - 12.60 Cum.
			314.87	Kg/Cm2			
			339.79	Kg/Cm2			
		Average	320.91	Kg/Cm2			
3	Plain Cement concrete cube of mix 1 : 1.5 : 3 , cast on 08/05/2019, Plain Concrete for wall -I wall step -4 near L.I.S. Dhamace Ch. 0 To 41m.	28 th day compressive strength	271.83	Kg/Cm2	265.00 Kg/Cm ²	7.99	Quantity represents - 8.00 Cum.
			305.81	Kg/Cm2			
			280.89	Kg/Cm2			
		Average	286.18	Kg/Cm2			
4	Plain Cement concrete cube of mix 1 : 1.5 : 3 , cast on 09/05/2019, Plain Concrete for wall -I wall step -4 near L.I.S. Dhamace Ch. 0 To 41m.	28 th day compressive strength	308.08	Kg/Cm2	265.00 Kg/Cm ²	16.25	Quantity represents - 6.80 Cum.
			289.95	Kg/Cm2			
			326.20	Kg/Cm2			
		Average	308.08	Kg/Cm2			

- Copy to: 1. The Assistant Engineer SD II , WD VI , WRD , Valpoi - 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 ,WDVI,WRD,Bicholim Goa.
4. QC Lab File. 5. Bill File.

Junoir Engineer.

Assistant Engineer.