

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T : 9727,9734 & 9753 / Lab / **37** / 2020 - 2021 Dated:- 01 / 06/ 2020

Laboratory : Bicholim -Goa / Sub Division V (QC)/WRD/ Bicholim -Goa.

Name of Work: - Desilting of Rivulets / Poi , Agricultural fields and reconstruction of existing Sluice in Savat Khazan and Kharat Khazan fields at Shirgao in Bicholim Taluka.

Ref. to Requisition No.: F. 36 /SD III/ WD VI / WRD /2020-21/ **19**

Dated :- 26-05-2020

Qty. Recived. : 03 Sets of cube Date of Receipt: -27/05/2020. Tested on:- 29/05/2020 To 31/05/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: PCC 1 : 2 : 4 & RCC 1:1.5:3 Mix **O.S No. :** 3732,3742/SS & 747/SP. **Lab. Sample No.:** 8952 To 8954 **Tested By:** Mrs. S. B. Naik Shirodkar , J.E.& Mr. S. M. Patri.A. E.

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SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 22/05/2020. PCC for Foundation of Sluice apron.	7 th day compressive strength	156.30	Kg/Cm ²	140.00 Kg/Cm ²	9.49	1) Represents Qty. 18.00 Cum. 2) 28 th day test is due on 19/06/2020, which may please be witnessed on due date.
			158.57	Kg/Cm ²			
			144.98	Kg/Cm ²			
		Average	153.28	Kg/Cm²			
2	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 23/05/2020. for foundation of Sluice pier.	7 th day compressive strength	185.75	Kg/Cm ²	175.00 Kg/Cm ²	9.16	1) Represents Qty. 18.00 Cum. 2) 28 th day test is due on 20/06/2020, which may please be witnessed on due date.
			183.49	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	191.04	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 24/05/2020. PCC for Bridge Abutment and Retaining wall.	7 th day compressive strength	147.24	Kg/Cm ²	140.00 Kg/Cm ²	8.41	1) Represents Qty. 19.00 Cum. 2) 28 th day test is due on 21/06/2020, which may please be witnessed on due date.
			151.77	Kg/Cm ²			
			156.30	Kg/Cm ²			
		Average	151.77	Kg/Cm²			

1.Copy to: The Assistant Engineer SD III , WD VI , WRD , Mulgao - 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 VI, WRD, Bicholim-Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer