

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T : 080,090,097,102,110 & 116 / Lab / 79 / 2020 - 2021 Dated:- 29 / 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/ 24 Dated :- 29-05-2020

Ref. to Requisition No.: F. 36 /SD III/ WD VI / WRD /2020-21/ 26 Dated :- 02-06-2020

Qty. Recived. : 03+ 03 Sets of cube Date of Receipt: -30/05/2020 & 03/06/2020. Tested on:- 22 To 27/06/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: PCC 1 : 2 : 4 Mix O.S No. : 3979,3988, 3993,3998,4005 & 4010/SS. Lab. Sample No.: 9018 To 9020, 9048 To 9050 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 25/05/2020. PCC for Bridge Abutment and Retaining wall.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/Cm ²	7.15	Represents Qty. 17.00 Cum.
			249.18	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 26/05/2020. PCC for Bridge Abutment and Retaining wall	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/Cm ²	4.99	Represents Qty. 18.00 Cum.
			219.73	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 27/05/2020. PCC for Bridge Abutment and Retaining wall	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/Cm ²	10.03	Represents Qty. 18.00 Cum.
			253.71	Kg/Cm ²			
			201.61	Kg/Cm ²			
		Average	231.06	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 28/05/2020. PCC for Bridge Abutment and Retaining wall.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/Cm ²	5.35	Represents Qty. 18.00 Cum.
			208.40	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	221.24	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 29/05/2020. PCC for Bridge Abutment and Retaining wall.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/Cm ²	8.23	Represents Qty. 18.00 Cum.
			226.53	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 30/05/2020. PCC for Bridge Abutment and Retaining wall.	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/Cm ²	16.50	Represents Qty. 18.00 Cum.
			244.65	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	244.65	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