

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T : 9882,9899,9931,121,125 & 134 / Lab / **90** / 2020 - 2021 Dated:- 08 / 07/ 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/ **29**

Dated :- 04-06-2020

Qty. Recived. : 03 Sets of cube Date of Receipt: -06/06/2020. Tested on:- 07/06/2020 To 01/07/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: PCC 1 : 2 : 4 & RCC 1:1.5:3 Mix **O.S No. :** 3827,3839,3860,4014,4018 & 4026/SS. **Lab. Sample No.:** 9140 To 9142 **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 31/05/2020. PCC for Bridge abutment and retaining wall.	7 th day compressive strength	154.04	Kg/Cm ²	140.00 Kg/Cm ²	6.25	Represents Qty. 19.00 Cum.
			144.98	Kg/Cm ²			
			147.24	Kg/Cm ²			
		Average	148.75	Kg/Cm²			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 01/06/2020. RCC for Sluice pier.	7 th day compressive strength	208.40	Kg/Cm ²	175.00 Kg/Cm ²	11.75	Represents Qty. 10.00 Cum.
			192.55	Kg/Cm ²			
			185.75	Kg/Cm ²			
		Average	195.57	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/06/2020. PCC for Bridge abutment and retaining wall.	7 th day compressive strength	147.24	Kg/Cm ²	140.00 Kg/Cm ²	18.12	Represents Qty. 18.00 Cum.
			167.63	Kg/Cm ²			
			181.22	Kg/Cm ²			
		Average	165.36	Kg/Cm²			

Junior Engineer

Assistant Engineer

SR.NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 31/05/2020. PCC for Bridge abutment and retaining wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/Cm ²	7.51	Represents Qty. 19.00 Cum.
			212.93	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
5	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 01/06/2020. RCC for Sluice pier.	28 th day compressive strength	339.79	Kg/Cm ²	265.00 Kg/Cm ²	16.54	Represents Qty. 10.00 Cum.
			317.14	Kg/Cm ²			
			269.57	Kg/Cm ²			
		Average	308.83	Kg/Cm²			
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/06/2020. PCC for Bridge abutment and retaining wall.	28 th day compressive strength	255.97	Kg/Cm ²	210.00 Kg/Cm ²	11.82	Represents Qty. 18.00 Cum.
			212.93	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	234.83	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