

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1348,1357,1380,1381,1405 / Lab /**06**/ 2021 - 22 Dated:-15/04/ 2021. Laboratory : Bicholim - Goa.
,1406,1426,1474,1485 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Improvement to Kaccha canal in S.No 118/1 at Naravwada-Ambegale Pale Sankhali Constituency of Bicholim Taluka.

Ref. to Requisition No.:F.231/WRD/WDVI/SDI/562/2020-21 Dated :- 02/ 03 / 2021.

Qty. Recived. :09 Sets of cube Date of Receipt:- 17/ 03 / 2021. Tested on: - 17,18,19,20,22,24 & 25/03/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :5459,5476,5504,5505,5531,5532,5557,5605,5617/SS Lab. Sample No.: 893 to 901 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 17/02/2021. PCC for Bed of canal from ch 0m to ch 50m.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents -19.00 Cum.
			226.53	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/02/2021. PCC for Bed of canal from ch 50m to ch 100m.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	8.59	Qty represents -19.00 Cum.
			231.06	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	228.04	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/02/2021. PCC for Bed of canal from ch 100m to ch 150m.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	14.70	Qty represents - 21.00 Cum.
			231.06	Kg/Cm ²			
			253.71	Kg/Cm ²			
		Average	240.87	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/02/2021. PCC for Side walls of canal from ch 0m to ch 50m.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	16.14	Qty represents - 26.00 Cum.
			244.65	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	243.89	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/02/2021. PCC for Bed of canal from ch 150m to ch 200m.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 18.00 Cum.
			235.59	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	227.28	Kg/Cm²			

Junior Engineer

Assistant Engineer

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/02/2021. PCC for Side walls of canal from ch 50m to ch 90m.	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	8.59	Qty represents - 22.00 Cum.
			228.79	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	228.04	Kg/Cm ²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 22/02/2021. PCC for Side walls of canal from ch 90m to ch 140m.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	13.26	Qty represents - 24.00 Cum.
			237.85	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	237.85	Kg/Cm ²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 24/02/2021. PCC for Side walls of canal from ch 140m to ch 180m.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	11.11	Qty represents - 22.00 Cum.
			212.93	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	233.32	Kg/Cm ²			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 25/02/2021. PCC for Side walls of canal from ch 50m to ch 90m.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	10.03	Qty represents -21.00 Cum.
			237.85	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	231.06	Kg/Cm ²			

- Copy to: 1. The Assistant Engineer , SD I , WD VI, WRD, Bicholim - 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