

[illegible]

Name of work : Construction of flood Protection wall Orando river from Orando Jetty to Shri Madhu Halankar house at Orando,Madel Chodan in Bicholim Taluka.

Ref. to Requisition No.:F.230/WRD/WDVI/SDI/22/2020-21 Dated :- 19/ 04 / 2021.

Qty. Received: :08 Sets of cube Date of Receipt:- 03/ 05/ 2021. Tested on: - 03,04,05,07,08/05/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :6077,6078,6083,6096,6125,6126,6142,6143 /SS Lab. Sample No.: 1473 to 1480 Tested By: Mrs. Shirodkar. J.E.

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 05/04/2021.PCC for Foundation of Ret wall from ch 100 to ch 111m.	28 th day compressive strength Average	215.20	Kq/Cm ²	210.00 Kg/cm ²	5.35	Qty represents -29.00 Cum.
			228.79	Kq/Cm ²			
			219.73	Kq/Cm ²			
			221.24	Kq/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/04/2021. PCC for Foundation of Ret wall from ch 115 to ch 125m.	28 th day compressive strength Average	231.06	Kq/Cm ²	210.00 Kg/cm ²	5.71	Qty represents -26.00 Cum.
			212.93	Kq/Cm ²			
			222.00	Kq/Cm ²			
			222.00	Kq/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 06/04/2021. PCC for 1 st step of Ret wall from ch 80 to ch 90mtr.	28 th day compressive strength Average	233.32	Kq/Cm ²	210.00 Kg/cm ²	6.07	Qty represents -14.00 Cum.
			226.53	Kq/Cm ²			
			208.40	Kq/Cm ²			
			222.75	Kq/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 07/04/2021. PCC for 1 st step of Ret wall from ch 90 to ch 111mtr.	28 th day compressive strength Average	226.53	Kq/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 15.00 Cum.
			237.85	Kq/Cm ²			
			212.93	Kq/Cm ²			
			225.77	Kq/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/04/2021. PCC for 2 nd step of Ret wall from ch 80 to ch 111mtr.	28 th day compressive strength Average	215.20	Kq/Cm ²	210.00 Kg/cm ²	11.47	Qty represents - 28.00 Cum.
			237.85	Kq/Cm ²			
			249.18	Kq/Cm ²			
			234.08	Kq/Cm²			

Junior Engineer

Assistant Engineer

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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 09/04/2021. PCC for 1 st step of Ret wall from ch 115 to ch 125mtr.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 14.00 Cum.
			226.53	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/04/2021. PCC for 3 rd step of Ret wall from ch 0 to ch 60mtr.	28 th day compressive strenath	215.20	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents -18.00 Cum.
			246.91	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/04/2021. PCC for 2nd step Ret wall from ch 115 to ch 125mtr.	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents -9.00 Cum.
			226.53	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	234.83	Kg/Cm²			

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