

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3525,3526,3543,3544,3559/ Lab /343/ 2021 - 22 Dated:-27/03/2022.
3560,3584,3585,3593,3594,3611 & 3612.

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

Name of work : Construction of Protection wall for Nalla along the Survey No 143/11 & 142/13 at Ambegal - Pale in sankhalim Constituency of Bicholim Taluka.

Ref. to Requisition No.: F.241/WRD/WDVI/SDI/540/20-21

Dt.:- 15/ 03 /2022.

Qty. Recived. : 14 Sets of cube Date of Receipt:- 21/ 03/ 2022. Tested on:- 21,22,23,24,25 & 26/03/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :191,192,215,216,236,237,263,264,276,277,296 & 297/R.K. Lab. Sample No.: 3430 To 3441 Tested By: Mrs. R. R.

Kadam A.E.

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2 :4 , cast on 21/02/2022. PCC for 1st step of L.H.S wall from Ch 140m to 155m.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	17.58	Qty represents - 11.00 Cum.
			246.91	Kg/Cm ²			
			253.71	Kg/Cm ²			
			Average	246.91			
2	Cement concrete cube of mix 1 : 2 :4 , cast on 21/02/2022. PCC for 1st step of R.H.S wall from Ch 140m to 155m.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	17.94	Qty represents - 11.00 Cum.
			262.77	Kg/Cm ²			
			253.71	Kg/Cm ²			
			Average	247.67			
3	Cement concrete cube of mix 1 : 2 :4 , cast on 22/02/2022. PCC for 2nd step of L.H.S wall from Ch 120m to 155m.	28 th day compressive strength	262.77	Kg/Cm ²	210.00 Kg/cm ²	14.34	Qty represents - 11.00 Cum.
			233.32	Kg/Cm ²			
			224.26	Kg/Cm ²			
			Average	240.12			
4	Cement concrete cube of mix 1 : 2 :4 , cast on 22/02/2022. PCC for 2nd step of R.H.S wall from Ch 120m to 155m.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	17.94	Qty represents - 11.00 Cum.
			244.65	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	247.67			
5	Cement concrete cube of mix 1 : 2 :4 , cast on 23/02/2022. PCC for foundation of L.H.S wall from Ch 0m to 20m.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents - 16.00 Cum.
			249.18	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	236.34			
6	Cement concrete cube of mix 1 : 2 :4 , cast on 23/02/2022. PCC for foundation of R.H.S wall from Ch 0m to 20m.	28 th day compressive strength	253.71	Kg/Cm ²	210.00 Kg/cm ²	13.98	Qty represents - 16.00 Cum.
			237.85	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	239.36			

Assistant Engineer

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 24/02/2022. PCC for 2nd step of L.H.S wall from Ch 20m to 60m.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 11.00 Cum.
			208.40	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 24/02/2022. PCC for 2nd step of R.H.S wall from Ch 20m to 60m.	28 th day compressive strength	253.71	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 11.00 Cum.
			217.47	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	232.57	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 25/02/2022. PCC for 1st step of L.H.S wall from Ch 0m to 20m.	28 th day compressive strength	269.57	Kg/Cm ²	210.00 Kg/cm ²	27.65	Qty represents - 14.50 Cum.
			271.83	Kg/Cm ²			
			262.77	Kg/Cm ²			
		Average	268.06	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 25/02/2022. PCC for 1st step of R.H.S wall from Ch 0m to 20m.	28 th day compressive strength	265.04	Kg/Cm ²	210.00 Kg/cm ²	24.77	Qty represents - 14.50 Cum.
			267.30	Kg/Cm ²			
			253.71	Kg/Cm ²			
		Average	262.02	Kg/Cm²			
11	Cement concrete cube of mix 1 : 2 : 4 , cast on 26/02/2022. PCC for 1st step of L.H.S wall from Ch 0m to 20m.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 6.00 Cum.
			233.32	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
12	Cement concrete cube of mix 1 : 2 : 4 , cast on 26/02/2022. PCC for 1st step of R.H.S wall from Ch 0m to 20m.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 6.00 Cum.
			233.32	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	228.79	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD I , WDV I , 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.

Assistant Engineer