

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1748,1761,1781,1786,1796,1803,1804,1828/ Lab /47/ 2021 - 22 Dated:-03/ 05 / 2021. Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work:- Construction of DWC,s and FC,s and Dos of B7 distributory of RBMC of TIP in Dhargal Village of Pernem Taluka.**

Ref. to Requisition No.: SDIV/WDVII/WRD/F-10/2021-22/03 Dated :- 19/ 04 / 2021.

Qty. Received. :08 Sets of cube Date of Receipt:- 20/04/ 2021. Tested on: -20,22,23,24,26,27,29/04/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:3:6 & 1 :2 :4 O.S No.: 5931,5937,5962,5969,5988,5999,6000,6031/SS. Lab.Sample No.: 1291 To 1298 Tested By: Mrs. 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 <b>1 :3 :6</b> , cast on 23/03/2021.PCC For Pedestal Foundation FC OT,OL6, DOR2 & DOR1.	28 <sup>th</sup> day compressive strength	122.32	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	22.32	Qty represents - 15.00 Cum.
			115.53	Kg/Cm <sup>2</sup>			
			129.12	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>122.32</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 25/03/2021.PCC For Pedestal Foundation FC OT,OL6, DOR2 & DOR1.	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty represents - 15.00 Cum.
			217.47	Kg/Cm <sup>2</sup>			
			233.32	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.02</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 26/03/2021. PCC For Pedestal Foundation FC OT,OL6, DOR2 & DOR1.	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.63	Qty represents - 15.00 Cum.
			212.93	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>219.73</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 27/03/2021.PCC For Pedestal Foundation FC OT,OL6, DOR2 & DOR1.	28 <sup>th</sup> day compressive strength	233.32	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.07	Qty represents - 14.00 Cum.
			226.53	Kg/Cm <sup>2</sup>			
			208.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>222.75</b>	<b>Kg/Cm<sup>2</sup></b>			
5	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 29/03/2021. PCC For Pedestal Foundation FC OT,OL6, DOR2 & DOR1.	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.27	Qty represents - 14.00 Cum.
			212.93	Kg/Cm <sup>2</sup>			
			206.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>218.98</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

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<b>SR. NO.</b>	<b>DISCRIPTION OF SAMPLE</b>	<b>TESTED FOR</b>	<b>RESULTS</b>		<b>Max./Min.Value permissable</b>	<b>% above or below</b>	<b>REMARK</b>
6	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 30/03/2021.PCC For Pedestal Foundation FC OT,OL6, DOR2 & DOR1.	28 <sup>th</sup> day compressive strength	212.93	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	10.03	Qty represents - 28.00 Cum for two sets of cubes.
			226.53	Kg/Cm <sup>2</sup>			
			253.71	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>231.06</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 30/03/2021.PCC For Pedestal Foundation FC OT,OL6, DOR2 & DOR1.	28 <sup>th</sup> day compressive strength	203.87	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.55	----- do -----
			222.00	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>217.47</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 01/04/2021.PCC For Pedestal Foundation FC OT,OL6, DOR2 & DOR1.	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.63	Qty represents - 14.00 Cum.
			231.06	Kg/Cm <sup>2</sup>			
			203.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>219.73</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SDIV , WD VII, WRD- Dhargal-Pernem - 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 VII ,WRD, Dhargal-Pernem - Goa.

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer