

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2007,2008,2032,2038,2040/ Lab /83/ 2021 - 22 Dated:-24/ 05 / 2021. Laboratory : 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-10/2021-22/13 Dated :- 18/ 05 / 2021.

Qty. Recived. :05 Sets of cube Date of Receipt:- 18/05/ 2021. Tested on: -18,20,21,22/05/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1 :2 :4 O.S No.: 61,62/RK & 6256,6262,6264/SS. Lab.Sample No.: 1541 To 1545 Tested By: Mrs.R.R.Kadam A.E & Mrs. Shirodkar. J.E.

**REPORT PAGE 01 OF 01**

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 20/04/2021.PCC for Pedestal Foundation FC OT,OL6, DOR2 & DOR3.	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.63	Qty represents - 30.00 Cum for two sets of cubes
			208.40	Kg/Cm <sup>2</sup>			
			212.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>219.73</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 20/04/2021.PCC for Pedestal Foundation FC OT,OL6, DOR2 & DOR3.	28 <sup>th</sup> day compressive strength	228.79	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.51	----- do -----
			226.53	Kg/Cm <sup>2</sup>			
			222.00	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.77</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 22/04/2021. PCC for Pedestal Foundation FC OT,OL6, DOR2 & DOR3.	28 <sup>th</sup> day compressive strength	217.47	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	2.48	Qty represents - 15.00 Cum.
			215.20	Kg/Cm <sup>2</sup>			
			212.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>215.20</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 23/04/2021. PCC for Pedestal Foundation FC OT,OL6, DOR2 & DOR3.	28 <sup>th</sup> day compressive strength	251.44	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	16.14	Qty represents - 14.00 Cum.
			244.65	Kg/Cm <sup>2</sup>			
			235.59	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>243.89</b>	<b>Kg/Cm<sup>2</sup></b>			
5	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 24/04/2021. PCC for Pedestal Foundation FC OT,OL6, DOR2 & DOR3.	28 <sup>th</sup> day compressive strength	203.87	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.91	Qty represents - 14.00 Cum.
			219.73	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>218.22</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