

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4698,4699,4709,4710,4732,4733,4752 & 4753/ Lab / **108**/ 2022 - 23 Dated:- 04/06/ 2022. Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work** :Construction of protection wall to the property bearing Survey No. 508/56 at Nanora in Latambarcem Village of Bicholim Taluka.

Ref. to Requisition No.: F.36/SDIII/WDVI/WRD/2022-23/13 Dated :- 12/ 05/ 2022.

Qty. Recived. :08 Sets of cube Date of Receipt:-27/05/ 2022. Tested on: -27 & 28/05/2022, 01 & 02/06/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. : 8661,8662,8673,8674,8696,8697,8716 & 8717/SS Lab. Sample No.: 4610 to 4617 Tested By: Mrs. S.B. Naik Shirodkar J.E

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SR.N	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 29/04/2022. PCC for foundation of retaining wall.	28th day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.27	Qty. represents -18.00 Cum for two sets of cubes.
			231.06	Kg/Cm <sup>2</sup>			
			210.67	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>218.98</b>			
2	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 29/04/2022. PCC for foundation of retaining wall.	28th day compressive strength	203.87	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	-do-
			226.53	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>220.49</b>			
3	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 30/04/2022. PCC for foundation of retaining wall.	28th day compressive strength	222.00	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty. represents -18.00 Cum for two sets of cubes.
			233.32	Kg/Cm <sup>2</sup>			
			219.73	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>225.02</b>			
4	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 30/04/2022. PCC for foundation of retaining wall.	28th day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.63	-do-
			222.00	Kg/Cm <sup>2</sup>			
			222.00	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>219.73</b>			
5	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 04/05/2022. For 1 <sup>st</sup> lift of retaining wall.	28th day compressive strength	201.61	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty. represents -19.00 Cum for two sets of cubes.
			226.53	Kg/Cm <sup>2</sup>			
			246.91	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>225.02</b>			
6	Cement concrete cube of mix <b>1 :2 :4</b> , cast on 04/05/2022. For 1 <sup>st</sup> lift of retaining wall.	28th day compressive strength	212.93	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.71	-do-
			219.73	Kg/Cm <sup>2</sup>			
			233.32	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>222.00</b>			

Junior Engineer

Assistant Engineer

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<b>SR .N</b>	<b>DISCRIPTION OF SAMPLE</b>	<b>TESTED FOR</b>	<b>RESULTS</b>		<b>Max./Min. Value permissible</b>	<b>% above or below</b>	<b>REMARK</b>
7	Cement concrete cube of mix <b>1:2:4</b> , cast on 05/05/2022. For 1 <sup>st</sup> lift of retaining wall.	28th day compressive strength	208.40	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.63	Qty. represents -19.00 Cum for two sets of cubes.
			219.73	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>219.73</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix <b>1:2:4</b> , cast on 05/05/2022. For 1 <sup>st</sup> lift of retaining wall.	28th day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.91	-do-
			215.20	Kg/Cm <sup>2</sup>			
			212.93	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 , SD III , WD VI, WRD, Mulgao - 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