

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6997,6998,7007,7008,7017/Lab/81/2023 - 24    Dated:- 30/05/2023.  
7018,7031,7032,7035,7036.

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

**Name of work : Anti Sea Erosion wall from Crematorium to Sunset Point Shack Huddo at Gudem Dando in V.P. Marna-Siolim in Siolim Constituency.**

Ref. to Requisition No : MI/SDI/WDI/WRD/F.57/2023-24/42.    Dt.:- 09/05/2023

Qty. Recived : **10** Sets of cube      Date of Receipt:- 22/05/2023.      Tested on:- 23,24,25,26 & 27/05/2023 as per due dates.    Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4**    O.S No : 1285,1286,1295,1296,1309,1310,1324,1325,1332,1333/RK.    Lab. Sample No: 7171 to 7180      Tested By: Mrs. R.R. Kadam A.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>1:2:4</b> , cast on 25/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.20	Qty represents - 40.00 Cum for two sets of cube.
			201.61	Kg/Cm <sup>2</sup>			
			222.00	Kg/Cm <sup>2</sup>			
		Average	216.71	Kg/Cm <sup>2</sup>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 25/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	233.32	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	--do--
			210.67	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
		Average	224.26	Kg/Cm <sup>2</sup>			
3	Cement concrete cube of mix <b>1:2:4</b> , cast on 26/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	235.59	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.95	Qty represents - 42.00 Cum for two sets of cube.
			233.32	Kg/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
		Average	228.79	Kg/Cm <sup>2</sup>			
4	Cement concrete cube of mix <b>1:2:4</b> , cast on 26/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.43	--do--
			208.40	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		Average	223.51	Kg/Cm <sup>2</sup>			
5	Cement concrete cube of mix <b>1:2:4</b> , cast on 27/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	240.12	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.43	Qty represents - 41.00 Cum for two sets of cube.
			226.53	Kg/Cm <sup>2</sup>			
			203.87	Kg/Cm <sup>2</sup>			
		Average	223.51	Kg/Cm <sup>2</sup>			

Assistant Engineer

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix <b>1:2:4</b> , cast on 27/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	242.38	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty represents - 41.00 Cum for two sets of cube.
			224.26	Kg/Cm <sup>2</sup>			
			208.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.02</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Cement concrete cube of mix <b>1:2:4</b> , cast on 28/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	233.32	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	Qty represents - 44.00 Cum for two sets of cube.
			210.67	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>224.26</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix <b>1:2:4</b> , cast on 28/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	231.06	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.51	--do--
			208.40	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.77</b>	<b>Kg/Cm<sup>2</sup></b>			
9	Cement concrete cube of mix <b>1:2:4</b> , cast on 29/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.51	Qty represents - 40.00 Cum for two sets of cube.
			226.53	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.77</b>	<b>Kg/Cm<sup>2</sup></b>			
10	Cement concrete cube of mix <b>1:2:4</b> , cast on 29/04/2023. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	222.00	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.59	--do--
			233.32	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>228.04</b>	<b>Kg/Cm<sup>2</sup></b>			

- Copy to: 1. The Assistant Engineer, SDI, WDI, WRD, Porvorim - Goa.  
2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.  
3. Copy submitted to The Executive Engineer, WDI, WRD, Porvorim - Goa.  
4. QC Lab File.      5. Bill File.

Assistant Engineer