

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 7063,7064,7079,7080,7091,7092/Lab/88/2023 - 24 Dated:- 07/06/2023.  
7100,7101,7122,7123.

Laboratory : Bicholim - Goa.  
Sub Division V (OC)/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.57/2023-24/43. Dt.:- 10/05/2023

Qty. Received : **10** Sets of cube Date of Receipt:- 30/05/2023. Tested on:- 30/05/2023 & 01,02,03,05/06/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1361,1362,1377,1378,1389,1390,1398,1399,1420,1421/RK Lab. Sample No: 7223 to 7232 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 02/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	Qty represents - 41.00 M3 for two sets of cube.
			203.87	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>220.49</b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 02/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	201.61	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.71	---do---
			228.79	Kg/Cm <sup>2</sup>			
			235.59	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>222.00</b>			
3	Cement concrete cube of mix <b>1:2:4</b> , cast on 04/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty represents - 40.00 M3 for two sets of cube.
			210.67	Kg/Cm <sup>2</sup>			
			226.53	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 04/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	208.40	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.71	---do---
			224.26	Kg/Cm <sup>2</sup>			
			233.32	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>222.00</b>			
5	Cement concrete cube of mix <b>1:2:4</b> , cast on 05/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.63	Qty represents - 42.00 M3 for two sets of cube.
			210.67	Kg/Cm <sup>2</sup>			
			222.00	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>219.73</b>			

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 05/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.07	Qty represents - 42.00 M3 for two sets of cube.
			224.26	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>222.75</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Cement concrete cube of mix <b>1:2:4</b> , cast on 06/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	206.14	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.51	Qty represents - 43.00 M3 for two sets of cube.
			233.32	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>			
8	Cement concrete cube of mix <b>1:2:4</b> , cast on 06/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	2.48	---do---
			210.67	Kg/Cm <sup>2</sup>			
			215.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>215.20</b>	<b>Kg/Cm<sup>2</sup></b>			
9	Cement concrete cube of mix <b>1:2:4</b> , cast on 08/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	203.87	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty represents - 40.00 M3 for two sets of cube.
			233.32	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.02</b>	<b>Kg/Cm<sup>2</sup></b>			
10	Cement concrete cube of mix <b>1:2:4</b> , cast on 08/05/2023. for 1st Lift & 2nd Lift.	28 <sup>th</sup> day compressive strength	228.79	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	---do---
			233.32	Kg/Cm <sup>2</sup>			
			210.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>224.26</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**