

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :3133, 3134,3141, 3142,3148,/ Lab /299/ 2021 - 22 Dated:- 15/ 02/2022.  
3149,3156 & 3157

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

**Name of work : Re-Construction of damage parapet over the retaining wall near Magos fort at V.P. Reis Magos in Saligao Constituency.**

Ref. to Requisition No.: SDV/WDI/WRD/F.27/21-22/148 Dt.:- 17/ 01/ 2022

Qty. Recived. : 08 Sets of cube Date of Receipt:- 08/ 02/ 2022. Tested on: 08,09,10 & 11/02/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1: 2: 4 O.S No. :7603,7604,7611,7612,7619,7620,7630 & 7631/SS Lab. Sample No.: 2918 To 2925 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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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 11/01/2022. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.59	Qty represents - 30.00 Cum for two sets of cube.
			226.53	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>228.04</b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 11/01/2022. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	----- do -----
			219.73	Kg/Cm <sup>2</sup>			
			226.53	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 12/01/2022. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	244.65	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	10.03	Qty represents - 30.00 Cum for two sets of cube.
			219.73	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>231.06</b>			
4	Cement concrete cube of mix <b>1:2:4</b> , cast on 12/01/2022. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	212.93	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	----- do -----
			222.00	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>224.26</b>			
5	Cement concrete cube of mix <b>1:2:4</b> , cast on 13/01/2022. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	235.59	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	11.82	Qty represents - 25.00 Cum for two sets of cube.
			242.38	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>234.83</b>			
6	Cement concrete cube of mix <b>1:2:4</b> , cast on 13/01/2022. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	240.12	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	10.75	----- do -----
			237.85	Kg/Cm <sup>2</sup>			
			219.73	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>232.57</b>			

Junior Engineer

Assistant Engineer

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Cement concrete cube of mix <b>1:2:4</b> , cast on 14/01/2022. For Foundation & Plinth.	28 <sup>th</sup> day compressive strenath	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	Qty represents - 25.00 Cum for two sets of cube.
			212.93	Kg/Cm <sup>2</sup>			
			244.65	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 14/01/2022. For Foundation & Plinth.	28 <sup>th</sup> day compressive strenath	217.47	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.20	----- do -----
			208.40	Kg/Cm <sup>2</sup>			
			224.26	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>216.71</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD V , WD I, 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 , WD I ,WRD, Porvorim- Goa.

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer