

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6734,6745,6746,6759,6780,6819,6829/Lab/51/2023 - 24 Dated:- 10/05/2023. Laboratory : Bicholim - Goa.  
6834,6841. Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Reconstruction of Sluice gate and Improvement to the bund "Goltim" at Goltim, Divar in Tiswadi Taluka. Ch. 0.00 to Ch. 1406.00M.

Ref. to Requisition No : SDI/WDI/WRD/F.57/2023-24/20 Dt.:- 19/04/2023

Qty. Recived : 09 Sets of cube Date of Receipt:- 24/04/2023.

Tested on: 24,25,26,27,28,29/04/2023 & 01,02,03/05/2023 as per due dates.Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:1.5:3 O.S No : 1112,1153,1162/RK & 715,726,727,743,765,774/SS.

Lab. Sample No: 6883 to 6891

Tested By: Mrs. R.R. Kadam A.E & Mrs. S. B. Naik Shirodkar J.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 1:1.5:3, cast on 27/03/2023. RCC for Parapet Wall.	28 th day compressive strength	280.89	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	2.86	Qty represents - 20.00 M3
			271.83	Kg/Cm <sup>2</sup>			
			265.04	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>272.59</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix 1:1.5:3, cast on 28/03/2023. RCC for Parapet Wall.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	7.99	Qty represents - 22.00 M3
			292.22	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>286.18</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix 1:1.5:3, cast on 29/03/2023. RCC for Parapet Wall.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	10.56	Qty represents - 25.00 M3
			294.48	Kg/Cm <sup>2</sup>			
			278.63	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>292.97</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix 1:1.5:3, cast on 30/03/2023. RCC for Parapet Wall.	28 th day compressive strength	260.51	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	4.00	Qty represents - 24.00 M3
			289.95	Kg/Cm <sup>2</sup>			
			276.36	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>275.61</b>	<b>Kg/Cm<sup>2</sup></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
5	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 31/03/2023. RCC for Parapet Wall.	28 th day compressive strength	267.30	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	6.28	Qty represents - 25.00 M3
			283.16	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>281.65</b>	<b>Kg/Cm<sup>2</sup></b>			
6	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 01/04/2023. RCC for Parapet Wall.	28 th day compressive strength	262.77	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	7.42	Qty represents - 23.00 M3
			287.69	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>284.67</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 03/04/2023. RCC for Parapet Wall.	28 th day compressive strength	278.63	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	4.86	Qty represents - 21.00 M3
			283.16	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>277.87</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 04/04/2023. RCC for Parapet Wall.	28 th day compressive strength	271.83	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	6.00	Qty represents - 22.00 M3
			276.36	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>280.89</b>	<b>Kg/Cm<sup>2</sup></b>			
9	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 05/04/2023. RCC for Parapet Wall.	28 th day compressive strength	265.04	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	5.71	Qty represents - 20.00 M3
			294.48	Kg/Cm <sup>2</sup>			
			280.89	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>280.14</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.

Junior Engineer

Assistant Engineer