

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/Q / F. 6-2/ Cube -T :- 6676,6687,6718,6739,6758,6828/Lab/43/2023 - 24 Dated:- 05/05/2023.

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

**Name of work :- Construction of wall for Nallah from main road to the river for protecting the Paddy fields at Pandav waddo Chodan Madel in Mayem Constituency.**

Ref. to Requisition No : F.246/WRD/WDVI/SDI/18/22-23 dated :-17/04/2023.

Qty. Recived. : 06 Sets of cubes Date of Receipt:- 17/04/2023 Tested on:- 17,18,22,25,27/04/2023 & 01/05/2023

Ref to CPWD :2009, Vol. I

Sample: Cube **Mix 1:2:4** O.S No: 1105,1161/RK & 673,684,720,742/SS . Lab. Sample No: 6850 To 6855

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 <b>1:2:4</b> , cast on 20/03/2023. PCC for Foundation of Ret wall LHS Ch 165m to 188m.	28 <sup>th</sup> day compressive strength	226.53	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.95	Qty represents - 11.00 Cum
			222.00	Ka/Cm <sup>2</sup>			
			237.85	Ka/Cm <sup>2</sup>			
			<b>Average</b>	<b>228.79</b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 21/03/2023. PCC for Foundation of Ret wall RHS Ch 225m to 254m.	28 <sup>th</sup> day compressive strength	235.59	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.07	Qty represents - 14.00 Cum
			217.47	Ka/Cm <sup>2</sup>			
			215.20	Ka/Cm <sup>2</sup>			
			<b>Average</b>	<b>222.75</b>			
3	Cement concrete cube of mix <b>1:2:4</b> , cast on 25/03/2023. PCC for Foundation of Ret wall RHS Ch 254m to 284m.	28 <sup>th</sup> day compressive strength	217.47	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.63	Qty represents - 14.50 Cum
			215.20	Ka/Cm <sup>2</sup>			
			226.53	Ka/Cm <sup>2</sup>			
			<b>Average</b>	<b>219.73</b>			
4	Cement concrete cube of mix <b>1:2:4</b> , cast on 28/03/2023. PCC for Foundation of Ret wall LHS Ch 252m to 282m.	28 <sup>th</sup> day compressive strength	246.91	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	11.47	Qty represents - 14.50 Cum
			226.53	Ka/Cm <sup>2</sup>			
			228.79	Ka/Cm <sup>2</sup>			
			<b>Average</b>	<b>234.08</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>1:2:4</b> , cast on 30/03/2023. PCC for Foundation of Ret wall RHS Ch 284m to 314m.	28 <sup>th</sup> day compressive strength	212.93	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	10.03	Qty represents - 15.00 Cum
			237.85	Kg/Cm <sup>2</sup>			
			242.38	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>231.06</b>	<b>Kg/Cm<sup>2</sup></b>			
6	Cement concrete cube of mix <b>1:2:4</b> , cast on 03/04/2023. PCC for Foundation of Ret wall LHS Ch 282m to 312m.	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	14.34	Qty represents - 15.00 Cum
			240.12	Kg/Cm <sup>2</sup>			
			242.38	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>240.12</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer, SDI, WDVI, WRD, Bicholim - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.
3. Copy submitted to The Executive Engineer, WDVI, WRD, Bicholim - Goa.
4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer