

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2261,2286,2317,2329 / Lab /126/ 2021 - 22 Dated:-26/06/ 2021. Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work :Improvement to existing Bandhara at D/S of vehicular bridge at Assonora.Regarding construction of side protection wall at RHS Bank of Assonora.**

Ref. to Requisition No.: F.36/SDIII/WDVI/WRD/2021-22/59 Dated :- 14/ 06/ 2021.

Qty. Received. :04 Sets of cube Date of Receipt:- 14/06/ 2021. Tested on: 14,17,18 & 21/06/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. : 6492,6519,6550,6562/SS Lab. Sample No.: 1887 to 1890 Tested By: Mrs. 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 07/06/2021. P.C.C. for Retaining wall 1 <sup>st</sup> lift.	7 <sup>th</sup> day compressive strength	142.71	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	6.25	1)Qty represents -19.00 Cum. 2)28th day test due on 05/07/2021
			147.24	Kg/Cm <sup>2</sup>			
			156.30	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>148.75</b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 10/06/2021. P.C.C. for Retaining wall 2 <sup>nd</sup> lift.	7 <sup>th</sup> day compressive strength	144.98	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	4.63	1)Qty represents -17.00 Cum. 2)28th day test due on 08/07/2021
			158.57	Kg/Cm <sup>2</sup>			
			135.92	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>146.49</b>			
3	Cement concrete cube of mix <b>1:2:4</b> , cast on 11/06/2021. P.C.C. for Retaining wall 2 <sup>nd</sup> lift and 3 <sup>rd</sup> lift.	7 <sup>th</sup> day compressive strength	156.30	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	11.65	1)Qty represents -18.00 Cum. 2)28th day test due on 09/07/2021
			167.63	Kg/Cm <sup>2</sup>			
			144.98	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>156.30</b>			
4	Cement concrete cube of mix <b>1:2:4</b> , cast on 14/06/2021. P.C.C. for Retaining wall 3 <sup>rd</sup> lift.	7 <sup>th</sup> day compressive strength	154.04	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	8.41	1)Qty represents -15.00 Cum. 2)28th day test due on 12/07/2021
			140.45	Kg/Cm <sup>2</sup>			
			160.83	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>151.77</b>			

Copy to: 1. The Assistant Engineer , SD III , WD VI, WRD,Mulgao - 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 VI ,WRD, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer