

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 6499,6525,6538,6550/Lab/04/2023 - 24 Dated:- 04/04/2023.

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

Name of work : - Improvement to the Surrounding of CADA building at Tillari Irrigation Project Complex, Karaswada Bardez Goa.

Ref. to Requisition No: SDIII/WDVIII/WRD/WF.03/2022-23/292 dated :- 27/03/2023.

Qty. Received. : 04 Sets of cubes Date of Receipt:- 27/03/2023. Tested on: - 27,30,31/03/2023 & 01/04/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No: 1039/RK & 517,533,547/SS Lab. Sample No: 6604 To 6607 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 1:2:4 , cast on 20/03/2023. For Base Foundation SD-I & SD-III Office	7 th day compressive strength	158.57	Kg/Cm ²	140.00 Kg/cm ²	15.42	1)Qty represents - 12.50 Cum. 2)28th day test due on 17/04/2022
			169.89	Kg/Cm ²			
			156.30	Kg/Cm ²			
		Average	161.59	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 23/03/2023. For 1st Lift Behind SD-I Office.	7 th day compressive strength	154.04	Kg/Cm ²	140.00 Kg/cm ²	7.87	1)Qty represents - 17.00 Cum. 2)28th day test due on 20/04/2022
			156.30	Kg/Cm ²			
			142.71	Kg/Cm ²			
		Average	151.02	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 24/03/2023. For 1st Lift Behind SD-III Office.	7 th day compressive strength	167.63	Kg/Cm ²	140.00 Kg/cm ²	13.26	1)Qty represents - 9.00 Cum. 2)28th day test due on 21/04/2022
			147.24	Kg/Cm ²			
			160.83	Kg/Cm ²			
		Average	158.57	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 25/03/2023. For 2nd Lift Behind SD-I Office.	7 th day compressive strength	151.77	Kg/Cm ²	140.00 Kg/cm ²	15.42	1)Qty represents - 10.00 Cum. 2)28th day test due on 22/04/2022
			163.10	Kg/Cm ²			
			169.89	Kg/Cm ²			
		Average	161.59	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD III, WD VIII, WRD, Karaswada Bardez - 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 VIII, WRD, Karaswada Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer

