

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2744, 2746, 2748 / Lab / **190** / 2021 - 22 Dated:- 26/10 / 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :Construction of road side protection wall near old pump house and CADA garage at TIP Complex Karaswada Bardez Goa.

Ref. to Requisition No.: SDIII/WDVIII/WRD/W.F.79/2021-22/188 Dated :- 19/ 10/ 2021.

Qty. Recived. :03 Sets of cube Date of Receipt:- 20/10/ 2021. Tested on: -20,21 & 23/10/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 7027,7030 & 7032/ SS. Lab. Sample No.: 2287 To 2289 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 1:2:4 , cast on 13/10/2021. For 1st lift of protection wall near platform.	7 th day compressive strength	149.51	Kg/Cm ²	140.00 Kg/cm ²	7.87	1) Qty represents -15.00 Cum. 2) 28 th day test due on 10/11/2021.
			147.24	Kg/Cm ²			
			156.30	Kg/Cm ²			
		Average	151.02	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 14/10/2021. For 1st lift of protection wall near garage.	7 th day compressive strength	158.57	Kg/Cm ²	140.00 Kg/cm ²	16.50	1) Qty represents -10.50 Cum. 2) 28 th day test due on 11/11/2021.
			160.83	Kg/Cm ²			
			169.89	Kg/Cm ²			
		Average	163.10	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 16/10/2021. For 2nd lift of protection wall near garage and platform.	7 th day compressive strength	163.10	Kg/Cm ²	140.00 Kg/cm ²	10.57	1) Qty represents -17.00 Cum. 2) 28 th day test due on 13/11/2021.
			154.04	Kg/Cm ²			
			147.24	Kg/Cm ²			
		Average	154.79	Kg/Cm²			

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

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer