

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 5371,5375 & 5379/ Lab / 167/ 2022 - 23 Dated:- 07/ 10 / 2022.

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

Name of work :Improvement to the existing collapsible gates of WRD office units including land development near underground water sump at TIP complex Karaswada Bardez Goa.

Ref. to Requisition No.: SDIII/WDVIII/WRD/W.F.97/2022-23/135 Dated :- 07/ 09/ 2022.

Qty. Recived. :03 Sets of cube Date of Receipt:-30/09/ 2022. Tested on: -30/09/2022,01 &03/10/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. : 9335,9339 & 9343/SS. Lab. Sample No.: 5240 to 5242 Tested By: Mrs. S. B. Naik Shirodkar J.E.

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SR.N	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 02/09/2022. For Foundation Concrete of Protection wall.	28th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty. represents -8.00 m3.
			231.06	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/09/2022. For 1st lift of Protection wall.	28th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty. represents -7.00 m3.
			226.53	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	228.79	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/09/2022. For Surrounding floor PCC	28th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty. represents -14.00 m3.
			226.53	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	223.51	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, WRD, Karaswada-Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer