

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6218,6227,6240,6257,6265/Lab/292/2022 - 23 Dated:- 25/02/2023.

Laboratory : Bicholim - Goa.

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

Name of work : Improvement to existing Spring at Suranguli V.P Khotodem (Cotorem) in Sattari Taluka.

Ref. to Requisition No : MIN/WDVI/WRD/SDII/F.62/2022-23/536. dated :- 27/01/2023.

Qty. Recived : 05 Set of cube Date of Receipt:- 27/01/2023 Tested on: - 19,20,21,22 & 23/02/2023 . Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. : 234,243,258,255,285/SS Lab. Sample No.: 6037 To 6041. Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	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 22/01/2023. For Tank Foundation Bottom.	28 th day compressive strength	262.77	Kg/Cm ²	210.00 Kg/cm ²	17.22	Qty represent -15.00 M3.
			244.65	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	246.16			
2	Cement concrete cube of mix 1:2:4 , cast on 23/01/2023. For Tank Foundation Bottom.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	14.34	Qty represent -17.00 cum.
			246.91	Kg/Cm ²			
			258.24	Kg/Cm ²			
			Average	240.12			
3	Cement concrete cube of mix 1:2:4 , cast on 24/01/2023. For Tank Foundation.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	18.30	Qty represent -15.00 M3.
			240.12	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	248.42			
4	Cement concrete cube of mix 1:2:4 , cast on 25/01/2023. For Tank Foundation.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	20.09	Qty represent -14.00 cum.
			249.18	Kg/Cm ²			
			246.91	Kg/Cm ²			
			Average	252.20			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4 , cast on 26/01/2023. For Tank above Foundation 1st Lift.	28 th day compressive strength	262.77	Kg/Cm ²	210.00 Kg/cm ²	22.25	Qty represent -17.00 cum.
			258.24	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	256.73	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD II , WD VI, WRD, Valpoi Sattari - 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