

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6870,6871,6872 & 6873/Lab/55/2023 - 24 Dated:- 11/05/2023.

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

Name of work : Construction of 30 MLD Raw Water Pumping Station at Calangute on Calangute distributary of Tillari Canal for Pilerne Industrial Estate and Surrounding Villages of Calangute and Saligao.

Ref. to Requisition No : SDV/WDI/WRD/F.27/2023-24/11 Dated :- 08/05/2023.

Qty. Recived : 04 Set of cube Date of Receipt:- 09/05/2023 Tested on:- 09/05/2023. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:1.5:3** & **1:2:4** O.S No: 805,806,807,808/SS Lab. Sample No.: 7063 To 7066. Tested By: Mrs. S.B. Naik Shirodkar. J.E.

Cube test witnessed by Shri Pranesh Todkar representative by agency M/s Sheth and Sura Engineers Pvt. Ltd. on 09/05/2023.

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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 1:1.5:3 , cast on 11/04/2023. for Slab for walk way & aerator.	28 th day compressive strength	308.08	Kg/Cm ²	265.00 Kg/cm ²	19.39	Qty represents - 17.00 M3 for three sets of cube.
323.93			Kg/Cm ²				
317.14			Kg/Cm ²				
Average			316.38	Kg/Cm²			
1	Cement concrete cube of mix 1:1.5:3 , cast on 11/04/2023. for Slab for walk way & aerator.	28 th day compressive strength	308.08	Kg/Cm ²	265.00 Kg/cm ²	11.41	---do---
301.28			Kg/Cm ²				
276.36			Kg/Cm ²				
Average			295.24	Kg/Cm²			
1	Cement concrete cube of mix 1:1.5:3 , cast on 11/04/2023. for Slab for walk way & aerator.	28 th day compressive strength	292.22	Kg/Cm ²	265.00 Kg/cm ²	12.27	---do---
296.75			Kg/Cm ²				
303.55			Kg/Cm ²				
Average			297.50	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 11/04/2023. for Road crossing restoration.	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/cm ²	23.69	Qty represents - 4.00 M3
249.18			Kg/Cm ²				
271.83			Kg/Cm ²				
Average			259.75	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDV, WDI, WRD, Porvorim - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer, WDI, WRD, Porvorim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer