

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 6333,6334,6335,6336,6337/Lab/**306**/2022 - 23 Dated:- 13/03/2023.

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.27/22-23/279 dated :- 06/03/2023.

Qty. Recived. : 05 Sets of cubes Date of Receipt:- 06/03/2023. Tested on: - 07/03/2023 Ref to CPWD :2009, Vol. I

Sample: Cube **Mix M25** O.S No: 356,357,358,359,360/SS Lab. Sample No: 6408 To 6412 Tested By: 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 M25 , cast on 07/02/2023. For Side walls of delivery tank 4th Lift.	28 th day compressive strength	289.95	Kg/Cm ²	290.00 Kg/cm ²	12.48	Qty represents - 75.00 Cum for five sets of cube.
			326.20	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	326.20	Kg/Cm²			
2	Cement concrete cube of mix M25 , cast on 07/02/2023. For Side walls of delivery tank 4th Lift.	28 th day compressive strength	366.97	Kg/Cm ²	290.00 Kg/cm ²	15.09	-----do-----
			337.52	Kg/Cm ²			
			296.75	Kg/Cm ²			
		Average	333.75	Kg/Cm²			
3	Cement concrete cube of mix M25 , cast on 07/02/2023. For Side walls of delivery tank 4th Lift.	28 th day compressive strength	355.65	Kg/Cm ²	290.00 Kg/cm ²	13.78	-----do-----
			335.26	Kg/Cm ²			
			299.01	Kg/Cm ²			
		Average	329.97	Kg/Cm²			
4	Cement concrete cube of mix M25 , cast on 07/02/2023. For Side walls of delivery tank 4th Lift.	28 th day compressive strength	317.14	Kg/Cm ²	290.00 Kg/cm ²	17.69	-----do-----
			339.79	Kg/Cm ²			
			366.97	Kg/Cm ²			
		Average	341.30	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix M25 , cast on 07/02/2023. For Side walls of delivery tank 4th Lift.	28 th day compressive strength	310.34	Kg/Cm ²	290.00 Kg/cm ²	5.45	Qty represents - 75.00 Cum for five sets of cube.
			285.42	Kg/Cm ²			
			321.67	Kg/Cm ²			
		Average	305.81	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD V , WD I, 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 , WD I, WRD, Porvorim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer