

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/Q / F. 6-2/ Cube -T :- 6251,6252,6253,6254,6255,6256/Lab/291/2022 - 23 Dated:- 25/02/2023.

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.27/22-23/269 dated :-20/02/2023.

Qty. Recived. : 06 Sets of cubes Date of Receipt:- 20/02/2023 Tested on: - 21/02/2023 Ref to CPWD :2009, Vol. I

Sample: Cube **Mix M25** O.S No: 269,270,271,272,273,274/SS Lab. Sample No: 6314 To 6319 Tested By: Mrs. S.B. Naik Shirodkar J.E.

REPORT PAGE 01 OF 02

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 24/01/2023. For Side walls of delivery tank 3rd Lift.	28 th day compressive strength	285.42	Kg/Cm ²	290.00 Kg/cm ²	2.07	Qty represents - 102.00 Cum for six sets of cube.
			308.08	Kg/Cm ²			
			294.48	Kg/Cm ²			
		Average	295.99	Kg/Cm²			
2	Cement concrete cube of mix M25 , cast on 24/01/2023. For Side walls of delivery tank 3rd Lift.	28 th day compressive strength	308.08	Kg/Cm ²	290.00 Kg/cm ²	3.37	-----do-----
			310.34	Kg/Cm ²			
			280.89	Kg/Cm ²			
		Average	299.77	Kg/Cm²			
3	Cement concrete cube of mix M25 , cast on 24/01/2023. For Side walls of delivery tank 3rd Lift.	28 th day compressive strength	362.44	Kg/Cm ²	290.00 Kg/cm ²	19.25	-----do-----
			339.79	Kg/Cm ²			
			335.26	Kg/Cm ²			
		Average	345.83	Kg/Cm²			
4	Cement concrete cube of mix M25 , cast on 24/01/2023. For Side walls of delivery tank 3rd Lift.	28 th day compressive strength	351.12	Kg/Cm ²	290.00 Kg/cm ²	20.03	-----do-----
			353.38	Kg/Cm ²			
			339.79	Kg/Cm ²			
		Average	348.10	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

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 24/01/2023. For Side walls of delivery tank 3rd Lift.	28 th day compressive strength	335.26	Kg/Cm ²	290.00 Kg/cm ²	9.36	Qty represents - 102.00 Cum for six sets of cube.
			299.01	Kg/Cm ²			
			317.14	Kg/Cm ²			
		Average	317.14	Kg/Cm²			
6	Cement concrete cube of mix M25 , cast on 24/01/2023. For Side walls of delivery tank 3rd Lift.	28 th day compressive strength	289.95	Kg/Cm ²	290.00 Kg/cm ²	4.93	-----do-----
			317.14	Kg/Cm ²			
			305.81	Kg/Cm ²			
		Average	304.30	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