

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 5276,5277,5281 & 5282/ Lab /146/ 2022 - 23 Dated:- 15/07/2022.

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

**Name of work : Construction of Piligao - Narva Distributory of LBMC of TIP from Ch. 12.330 km to tail end at village Narva Mayem in Bicholim Taluka.**

Ref. to Requisition No.: WRD/WDVIII/SDVI/WF.246/2022-23/75 Dated :- 07/07/ 2022.

Qty. Received. : 04 Sets of cube Date of Receipt:- 07/ 07 / 2022. Tested on: 10 & 11/07/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-25** O.S No. : 9228,9229,9233 & 9234/SS Lab. Sample No.: **5128 to 5131** Tested By: Mrs. S. B. Naik Shirodkar J.E.

**REPORT PAGE 01 OF 01**

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>M-25</b> , cast on 12/06/2022. For 3 <sup>rd</sup> Lift of Storage Tank Wall Concrete.	28 <sup>th</sup> day compressive strenath	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.71	Qty represents - 30.00 m3 for two sets of cubes.
			305.81	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>306.57</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>M-25</b> , cast on 12/06/2022. For 3 <sup>rd</sup> Lift of Storage Tank Wall Concrete.	28 <sup>th</sup> day compressive strenath	308.08	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.19	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			289.95	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.06</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>M-25</b> , cast on 13/06/2022. For 3 <sup>rd</sup> Lift of Storage Tank Wall Concrete.	28 <sup>th</sup> day compressive strenath	308.08	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.23	Qty represents - 30.00 m3 for two sets of cubes.
			305.81	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.08</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>M-25</b> , cast on 13/06/2022. For 3 <sup>rd</sup> Lift of Storage Tank Wall Concrete.	28 <sup>th</sup> day compressive strenath	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.53	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>311.85</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD VI , WD VIII, WRD- Bicholim - 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