

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4783 to 4787/ Lab /111/ 2022 - 23 Dated:- 06/06/2022.

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.246/2022-23/27 Dated :- 03/06/ 2022.

Qty. Received. : 05 Sets of cube Date of Receipt:- 03/ 06 / 2022. Tested on: 03/06/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-25** O.S No. : 8747 to 8751/SS Lab. Sample No.: 4755 to 4759 Tested By: Mrs. S. B. Naik Shirodkar J.E.

Cube test witnessed by Shri Pranesh Todkar representative by agency M/s Laxmi Civil Engineerings Services Ltd. on 03/06/2022.

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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 <b>M-25</b> , cast on 06/05/2022. For 1st Lift of Storage Tank Wall Concrete.	28 <sup>th</sup> day compressive strength	348.85	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	13.78	Qty represents - 56.00 m3 for five sets of cubes.
			328.46	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>329.97</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>M-25</b> , cast on 06/05/2022. For 1st Lift of Storage Tank Wall Concrete.	28 <sup>th</sup> day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.63	----- do -----
			283.16	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>300.52</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>M-25</b> , cast on 06/05/2022. For 1st Lift of Storage Tank Wall Concrete.	28 <sup>th</sup> day compressive strength	321.67	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	14.04	----- do -----
			339.79	Kg/Cm <sup>2</sup>			
			330.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>330.73</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>M-25</b> , cast on 06/05/2022. For 1st Lift of Storage Tank Wall Concrete.	28 <sup>th</sup> day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.15	----- do -----
			296.75	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.03</b>	<b>Kg/Cm<sup>2</sup></b>			
5	Cement concrete cube of mix <b>M-25</b> , cast on 06/05/2022. For 1st Lift of Storage Tank Wall Concrete.	28 <sup>th</sup> day compressive strength	339.79	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	15.35	----- do -----
			330.73	Kg/Cm <sup>2</sup>			
			332.99	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>334.50</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