

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 5476 & 5486/ Lab /199/ 2022 - 23 Dated:- 02/12/2022.

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

**Name of work : Construction of outlets OL 9A and 9B of Tail Minor II (1650 to 2500 m) of B/1 distributory of RBMC of TIP at Ibrampur in V.P. Ibrampur in Pernem taluka.**

Ref. to Requisition No.: SDIII/WDVII/WRD/F.197/2022-23/82 dated :-29/11/2022.

Qty. Recived. : 02 Set of cube Date of Receipt:- 29/11/2022 Tested on: - 29/11/2022 & 02/12/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. : 9489 & 9499/SS Lab. Sample No.: 5397 & 5398 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix <b>1:2:4</b> , cast on 22/11/2022. For PCC 1:2:4 for chambers & pedestals of 300 half round pipes from Ch.60 to 150 m.	7 <sup>th</sup> day compressive strength	144.98	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	7.33	28th day test due on 20/12/2022.
			144.98	Kg/Cm <sup>2</sup>			
			160.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>150.26</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 25/11/2022. For PCC 1:2:4 for chambers & pedestals of 450mm half round pipes from Ch.180 to 270 m.	7 <sup>th</sup> day compressive strength	167.63	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	17.04	28th day test due on 23/12/2022.
			158.57	Kg/Cm <sup>2</sup>			
			165.36	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>163.85</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SDIII , WD VII , WRD, Dhargal Pernem-Goa.

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

3. Copy submitted to The Executive Engineer , W.D VII , WRD, Dhargal Pernem-Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer