

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :3996,4010,4066/ Lab /48/ 2022 - 23 Dated:- 25/ 04 /2022.

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

**Name of work : Construction of outlets(OR-3) and field channels at Ch. 3.50 Km of Mencerum Distributary of LBMC at Village Adval and Pirna in Bicholim and Bardez Taluka.**

Ref. to Requisition No.: WRD/WDVIII/SDVI/F.20/2022-23/07 Dated :- 18/04/ 2022.

Qty. Received. : 03 Sets of cube Date of Receipt:- 18/ 04 / 2022. Tested on: 18,20 & 23/04/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC **1:2:4** O.S No. :8241,8261 & 8327/SS Lab. Sample No.: 3894 to 3896 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 <b>1:2:4</b> , cast on 11/04/2022. PCC for bed concrete below pipes of outlets, pillars of HRP and Chambers at outlet OR-3.	07 <sup>th</sup> day compressive strength	154.04	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	11.65	1. Qty represents - 14.90 cum. 2. 28th day test due on 09/05/2022.
			147.24	Kg/Cm <sup>2</sup>			
			167.63	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>156.30</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 13/04/2022. PCC for pillars of HRP and Chambers at outlet OR-3.	07 <sup>th</sup> day compressive strength	156.30	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	12.18	1. Qty represents - 14.70 cum. 2. 28th day test due on 11/05/2022.
			167.63	Kg/Cm <sup>2</sup>			
			147.24	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>157.06</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1:2:4</b> , cast on 16/04/2022. PCC for pillars of HRP and Chambers at outlet OR-3.	07 <sup>th</sup> day compressive strength	135.92	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	5.17	1. Qty represents - 7.50 cum. 2. 28th day test due on 14/05/2022.
			147.24	Kg/Cm <sup>2</sup>			
			158.57	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>147.24</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