

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :4347,4400 & 4460/ Lab /80/ 2022 - 23 Dated:- 17/ 05 /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: 09,11 & 14/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC **1:2:4** O.S No. :0636,0689 & 0750/R.K Lab. Sample No.: 3894 to 3896 Tested By: Mrs. R. R. Kadam A.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.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.87	Qty represents - 14.90 cum.
			222.00	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>226.53</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.	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.59	Qty represents - 14.70 cum.
			240.12	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>228.04</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.	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	10.39	Qty represents - 7.50 cum.
			233.32	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>231.81</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.

Assistant Engineer