

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9059,9076,9097,9131,9143 / Lab / **488** / 2019 - 20 Dated:- 13 / 03 / 2020 Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work :- Construction of Tail Minor D O's, W.C. and F.C's of B-4 Distributory and DWC 19 L off taking at Ch. 18.005 km of RBMC of TIP at Village Dhargal in Pernem Taluka.**

Ref to Requisition No.:- WRD/SDIV/WDVII/F.10 /2019-20/ **260** Dated :- 06 / 03 / 2020.

Qty. Received. : 05 Sets of cube Date of Receipt:- 06 / 03 / 2020. Tested on: - 06 /03/2020 To 12 /03/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 3387,3401,3419,3451,3461/SS. Lab. Sample No.: 8344 To 8348 Tested By: Mrs. S.B.Naik Shirodkar J.E.

**Cube test is witnessed by Shri. Mohamed Sarach., representative of M/s.Bavikara Construction Pvt Ltd on 06/03/2020.**

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix 1:2:4 , cast on 28 / 02 / 2020.	7 <sup>th</sup> day compressive strength	158.57	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	10.03	1) Qty represents - 8.00 Cum. 2) 28 th day test is due on 27/03/2020, which may please be witnessed.
			147.24	Kg/Cm <sup>2</sup>			
			156.30	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>154.04</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Plain Cement concrete cube of mix 1:2:4 , cast on 29 / 12 / 2020. PCC for Pedestal.	7 <sup>th</sup> day compressive strength	181.22	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	27.29	1) Qty represents - 10.00 Cum. 2) 28 th day test is due on 28/03/2020, which may please be witnessed.
			190.28	Kg/Cm <sup>2</sup>			
			163.10	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>178.20</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Plain Cement concrete cube of mix 1:2:4 , cast on 02 / 03 / 2020. PCC for Chambers	7 <sup>th</sup> day compressive strength	142.71	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	14.88	1) Qty represents - 12.00 Cum. 2) 28 th day test is due on 30/03/2020, which may please be witnessed.
			181.22	Kg/Cm <sup>2</sup>			
			158.57	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>160.83</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Plain Cement concrete cube of mix 1:2:4 , cast on 04 / 03 / 2020. PCC for Pedestal.	7 <sup>th</sup> day compressive strength	147.24	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	6.25	1) Qty represents - 12.00 Cum. 2) 28 th day test is due on 01/04/2020, which may please be witnessed.
			142.71	Kg/Cm <sup>2</sup>			
			156.30	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>148.75</b>	<b>Kg/Cm<sup>2</sup></b>			
5	Plain Cement concrete cube of mix 1:2:4 , cast on 05 / 03 / 2020. PCC for Chambers	7 <sup>th</sup> day compressive strength	181.22	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	21.35	1) Qty represents - 15.00 Cum. 2) 28 th day test is due on 02/04/2020, which may please be witnessed.
			169.89	Kg/Cm <sup>2</sup>			
			158.57	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>169.89</b>	<b>Kg/Cm<sup>2</sup></b>			

- Copy to: 1. The Assistant Engineer , SDIV , 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 ,WD VII ,WRD, Dhargal Pernem - Goa.  
4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer