

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8958,9008 & 9032 / Lab / **477** / 2019 - 20      Dated:- 07 / 03 / 2020.  
Laboratory : Bicholim - Goa.

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

**Name of work : Construction of Pilgao Narve Distributory of L.B.M.C. of T.I.P. from Ch. 11.020 kms to Ch. 12.330 kms at Pilgao and Narva Villages in Bicholim Taluka.**

Ref. to Requisition No.: WRD /WD VIII / SD II / F.160-5 /2019-20/ **197**      Dated :- 27 / 02 / 2020.

Qty. Recived. : 03 Sets of cube      Date of Receipt:- 28 / 02 / 2020.      Tested on: -28/02/2020 To 05/03/2020 as per due dates.      Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4      O.S No. : 3312,3350 & 3364 /SS.      Lab. Sample No.: 8206 To 8208      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	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 31 /01 / 2020. PCC for Retaining wall from Ch. 11.200 Km To Ch. 11.240 Km .	28 <sup>th</sup> day compressive strength	242.38	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	21.17	Qty represents - 15.00 Cum.
			271.83	Kg/Cm <sup>2</sup>			
			249.18	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>254.46</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 05 /02 / 2020. PCC for Retaining wall from Ch. 11.130 Km To Ch. 11.155 Km .	28 <sup>th</sup> day compressive strength	258.24	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	17.94	Qty represents - 14.00 Cum.
			246.91	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>247.67</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 06 /02 / 2020. PCC for Retaining wall from Ch. 11.155 Km To Ch. 11.200 Km .	28 <sup>th</sup> day compressive strength	271.83	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	27.65	Qty represents - 15.00 Cum.
			269.57	Kg/Cm <sup>2</sup>			
			262.77	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>268.06</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SDII , WD VIII, WRD, Tivim, Bardez - 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