

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 410,418 & 431 / Lab / **174** / 2020 - 21      Dated:- 26/12 / 2020      Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Consruction of farm road from main road to agricultural plots 25,26,27 & 28 allotted to project affected people of the Anjunem Irrigation project at Saleli (phase I) in Sattari Goa.**

Ref. to Requisition No.: F.174 /WRD/SD II/WD V/AIP/ 173/2020-21      dated :- 16/ 12 / 2020.

Qty. Recived. : 03 Sest of cube      Date of Receipt:- 17/ 12 / 2020.      Tested on: - 17,19 & 23/12/2020.      Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4      O.S No. : 4425,4433 & 4450 /SS.      Lab. Sample No.: 9751,9752 & 9753      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 10/12 /2020. For retaining wall. Qty represents - 11.20 Cum.	7 <sup>th</sup> day compressive strength	169.89	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	27.83	1) Exact location of work done is not specified. 2) 28th day test is due on 07/01/2021.
			181.22	Kg/Cm <sup>2</sup>			
			185.75	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>178.96</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 12/12 /2020. For retaining wall. Qty represents - 9.80 Cum.	7 <sup>th</sup> day compressive strength	133.65	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	4.63	1) Exact location of work done is not specified. 2) 28th day test is due on 09/01/2021.
			147.24	Kg/Cm <sup>2</sup>			
			158.57	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>146.49</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 16/12 /2020. For retaining wall. Qty represents - 7.20 Cum.	7 <sup>th</sup> day compressive strength	142.71	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	4.09	1) Exact location of work done is not specified. 2) 28th day test is due on 13/01/2021.
			154.04	Kg/Cm <sup>2</sup>			
			140.45	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>145.73</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SDII , WD V, WRD, Karapur Tisk, Sankhali - 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 V ,WRD, Karapur Tisk, Sankhali - Goa.

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer