

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8446,8447,8448,8449,8659 & 8660/ Lab / 413 /2019 - 20

Dated:- 30/01/2020 Laboratory : Bicholim- Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of Work: - Improvement to nallah from Post office via Transformer near Morod to Sluice gate at Mapusa Bardez - Goa.**

Ref. to Requisition no.: SDII/WDI/WRD/ F.24 /2019-20/529 dated :-08/01/2020.

Qty. Received. : 06 Sets of cube Date of Receipt: 09/01/2020. Tested on: 12/01/2020 & 30/01/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube **M-30** Mix O.S No. :1504 TO 1507 /AF & 3136, 3137/SS Lab. Sample No.: 7596 to 7601 Tested By: Mr. Anil R. Fadte, JE & Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Reinforced Cement concrete cube of mix <b>M-30</b> cast on 15/12/2019.	28 <sup>th</sup> day compressive strength	353.38	Kg/Cm2	345.00 Kg/Cm <sup>2</sup>	2.21	Quantity represents 63.00 Cum for four sets of cubes and Location of work done is not specified.
			362.44	Kg/Cm2			
			342.05	Kg/Cm2			
		<b>Average</b>	<b>352.63</b>	<b>Kg/Cm2</b>			
2	Reinforced Cement concrete cube of mix <b>M-30</b> cast on 15/12/2019.	28 <sup>th</sup> day compressive strength	355.65	Kg/Cm2	345.00 Kg/Cm <sup>2</sup>	1.77	... Do ...
			332.99	Kg/Cm2			
			364.71	Kg/Cm2			
		<b>Average</b>	<b>351.12</b>	<b>Kg/Cm2</b>			
3	Reinforced Cement concrete cube of mix <b>M-30</b> cast on 15/12/2019.	28 <sup>th</sup> day compressive strength	342.05	Kg/Cm2	345.00 Kg/Cm <sup>2</sup>	2.65	... Do ...
			373.77	Kg/Cm2			
			346.59	Kg/Cm2			
		<b>Average</b>	<b>354.14</b>	<b>Kg/Cm2</b>			
4	Reinforced Cement concrete cube of mix <b>M-30</b> cast on 15/12/2019.	28 <sup>th</sup> day compressive strength	351.12	Kg/Cm2	345.00 Kg/Cm <sup>2</sup>	2.87	... Do ...
			373.77	Kg/Cm2			
			339.79	Kg/Cm2			
		<b>Average</b>	<b>354.89</b>	<b>Kg/Cm2</b>			
5	Reinforced Cement concrete cube of mix <b>M-30</b> cast on 02/01/2020.	28 <sup>th</sup> day compressive strength	346.59	Kg/Cm2	345.00 Kg/Cm <sup>2</sup>	2.65	Quantity represents 46.00 Cum for two sets of cubes and Location of work done is not specified.
			353.38	Kg/Cm2			
			362.44	Kg/Cm2			
		<b>Average</b>	<b>354.14</b>	<b>Kg/Cm2</b>			
6	Reinforced Cement concrete cube of mix <b>M-30</b> cast on 02/01/2020.	28 <sup>th</sup> day compressive strength	385.09	Kg/Cm2	345.00 Kg/Cm <sup>2</sup>	5.06	... Do ...
			366.97	Kg/Cm2			
			335.26	Kg/Cm2			
		<b>Average</b>	<b>362.44</b>	<b>Kg/Cm2</b>			

Copy to: 1. The Assistant Engineer ,SD II,WD I,WRD, Mapusa - 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 I,WRD, Porvorim Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer