

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8000,8001,8096,8097,8163 & 8164/ Lab / **344** /2019 - 20

Dated:- 23/12 / 2019 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 /2019-20/433 dated :-27/11/2019.

Qty. Recived. : 06 Sets of cube Date of Receipt: 28/11/2019. Tested on: 10/12/2019 To 22/12/2019 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube **M-30** Mix O.S No. :2810,2811,2867,2868/SS, 1306 & 1307 /AF Lab. Sample No.: 7038 to 7043 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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& Mr. Anil R. Fadte J.E.

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Reinforced Cement concrete cube of mix M-30 cast on 12/11/2019.	28 th day compressive strength	344.32	Kg/Cm ²	345.00 Kg/Cm ²	2.65	Quantity represents 48.00 Cum for two sets of cubes and Location of work done is not specified.
			355.65	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	354.14	Kg/Cm²			
2	Reinforced Cement concrete cube of mix M-30 cast on 12/11/2019.	28 th day compressive strength	371.50	Kg/Cm ²	345.00 Kg/Cm ²	5.27	... Do ...
			366.97	Kg/Cm ²			
			351.12	Kg/Cm ²			
		Average	363.20	Kg/Cm²			
3	Reinforced Cement concrete cube of mix M-30 cast on 19/11/2019.	28 th day compressive strength	342.05	Kg/Cm ²	345.00 Kg/Cm ²	4.18	Quantity represents 47.00 Cum for two sets of cubes and Location of work done is not specified.
			373.77	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	359.42	Kg/Cm²			
4	Reinforced Cement concrete cube of mix M-30 cast on 19/11/2019.	28 th day compressive strength	364.71	Kg/Cm ²	345.00 Kg/Cm ²	3.96	... Do ...
			351.12	Kg/Cm ²			
			360.18	Kg/Cm ²			
		Average	358.67	Kg/Cm²			
5	Reinforced Cement concrete cube of mix M-30 cast on 24/11/2019.	28 th day compressive strength	355.65	Kg/Cm ²	345.00 Kg/Cm ²	5.06	Quantity represents 45.00 Cum for two sets of cubes and Location of work done is not specified.
			371.50	Kg/Cm ²			
			360.18	Kg/Cm ²			
		Average	362.44	Kg/Cm²			
6	Reinforced Cement concrete cube of mix M-30 cast on 24/11/2019.	28 th day compressive strength	353.38	Kg/Cm ²	345.00 Kg/Cm ²	1.55	... Do ...
			342.05	Kg/Cm ²			
			355.65	Kg/Cm ²			
		Average	350.36	Kg/Cm²			

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