

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 6674,6690,6703,6715,6767,6959,6989,7148./ Lab / **184** / 2019 - 20
Laboratory : Bicholim - Goa.

Dated:- 13 / 06 / 2019

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.: SD II/WDI/WRD/ F.24 /2019-20/ **76** Dated :- 16 / 05 / 2019.

Qty. Received. : 08 Sets of cube Date of Receipt :- 16 / 05 / 2019. Tested on: 16/05/2019 To 10/06/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube of Mix **M-30** O.S No. : 1996/SS.,670/AF,2004/SS., 472/SP.,730/AF.,2017,2049,2198/SS Lab. Sample No.: 4698 To 4705. Tested By: - Mrs. S.B. Naik Shirodkar. J.E. , Mr. S.M.Patri. A.E & Mr. Anil. R. Fadte. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix M- 30 , cast on 18 / 04 / 2019, RCC for Raft.	28 th day compressive strength	351.12	Kg/Cm2	345 kg/cm2	3.09	1. Quantity represents 25.00 Cum. 2. Excat location of work done is not specified.
			346.59	Kg/Cm2			
			369.24	Kg/Cm2			
		Average	355.65	Kg/Cm2			
2	Cement concrete cube of mix M- 30 , cast on 19 / 04 / 2019, RCC for Side wall .	28 th day compressive strength	346.59	Kg/Cm2	345 kg/cm2	3.74	1. Quantity represents 20.00 Cum. 2. Excat location of work done is not specified.
			351.12	Kg/Cm2			
			376.03	Kg/Cm2			
		Average	357.91	Kg/Cm2			
3	Cement concrete cube of mix M- 30 , cast on 20 / 04 / 2019, RCC for Raft	28 th day compressive strength	355.65	Kg/Cm2	345 kg/cm2	3.09	1. Quantity represents 26.00 Cum. 2. Excat location of work done is not specified.
			348.85	Kg/Cm2			
			362.44	Kg/Cm2			
		Average	355.65	Kg/Cm2			
4	Cement concrete cube of mix M- 30 , cast on 22 / 04 / 2019, RCC for Raft	28 th day compressive strength	355.65	Kg/Cm2	345 kg/cm2	3.96	1. Quantity represents 26.00 Cum. 2. Excat location of work done is not specified.
			355.65	Kg/Cm2			
			364.71	Kg/Cm2			
		Average	358.67	Kg/Cm2			
5	Cement concrete cube of mix M- 30 , cast on 25 / 04 / 2019, RCC for Side wall .	28 th day compressive strength	364.71	Kg/Cm2	345 kg/cm2	3.52	1. Quantity represents 23.00 Cum. 2. Excat location of work done is not specified.
			346.59	Kg/Cm2			
			360.18	Kg/Cm2			
		Average	357.16	Kg/Cm2			
6	Cement concrete cube of mix M- 30 , cast on 06 / 05 / 2019, RCC for Raft	28 th day compressive strength	346.59	Kg/Cm2	345 kg/cm2	4.40	1. Quantity represents 24.00 Cum. 2. Excat location of work done is not specified.
			371.50	Kg/Cm2			
			362.44	Kg/Cm2			
		Average	360.18	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Cement concrete cube of mix M- 30 , cast on 07 / 05 / 2019, RCC for Side wall .	28 th day compressive strength	351.12	Kg/Cm2	345 kg/cm2	3.96	1. Quantity represents 20.00 Cum. 2. Excat location of work done is not specified.
			360.18	Kg/Cm2			
			364.71	Kg/Cm2			
		Average	358.67	Kg/Cm2			
8	Cement concrete cube of mix M- 30 , cast on 13 / 05 / 2019, RCC for Top Slab .	28 th day compressive strength	362.44	Kg/Cm2	345 kg/cm2	3.74	1. Quantity represents 26.00 Cum. 2. Excat location of work done is not specified.
			342.05	Kg/Cm2			
			369.24	Kg/Cm2			
		Average	357.91	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