

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 6991,7014,7036,7070,7089,7090,7140,7141/ Lab / **178** /2019 - 20 Dated:- 11 / 06 / 2019

Laboratory : Bicholim- Goa.

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

Name of Work: - Renovation of Manas Cum Footbridge at Manaswada V.P. Dhargal - Pernem Taluka.

Ref. to Requisition no.: MI/SDIII/WDI/WRD/ W.F.21 /2019-20/ 58 Dated :- 03 / 06 / 2019.

Qty. Recived. : 08 Sets of cube Date of Receipt: - 04 / 06 / 2019. Tested on: 04/06/2019 To 10/06/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. :- 2051,2076,2100,2135,2156,2157,2190,2191/SS Lab. Sample No.: 5032 To 5039 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 28/05/2019, PCC for Foundation . Represents Qty - 22.00 Cum.	7 th day compressive strength	169.89	Kg/Cm2	140.00 Kg/Cm ²	7.87	1) Excat location of work executed is not specified. 2) 28 th day test is due on 25/06/2019, same may please be wittednessed.
			140.45	Kg/Cm2			
			142.71	Kg/Cm2			
		Average	151.02	Kg/Cm2			
2	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 29/05/2019 , PCC for Foundation / walls . Represents Qty - 21.00 Cum.	7 th day compressive strength	147.24	Kg/Cm2	140.00 Kg/Cm ²	14.88	1) Excat location of work executed is not specified. 2) 28 th day test is due on 26/06/2019, same may please be wittednessed.
			172.16	Kg/Cm2			
			163.10	Kg/Cm2			
		Average	160.83	Kg/Cm2			
3	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 30/05/2019 PCC for walls . Represents Qty - 22.00 Cum.	7 th day compressive strength	169.89	Kg/Cm2	140.00 Kg/Cm ²	5.17	1) Excat location of work executed is not specified. 2) 28 th day test is due on 27/06/2019, same may please be wittednessed.
			126.85	Kg/Cm2			
			144.98	Kg/Cm2			
		Average	147.24	Kg/Cm2			
4	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 31/05/2019, PCC for Foundation . Represents Qty - 20.50 Cum.	7 th day compressive strength	156.30	Kg/Cm2	140.00 Kg/Cm ²	6.79	1) Excat location of work executed is not specified. 2) 28 th day test is due on 28/06/2019, same may please be wittednessed.
			149.51	Kg/Cm2			
			142.71	Kg/Cm2			
		Average	149.51	Kg/Cm2			
5	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 01/06/2019, PCC for Foundation . Represents Qty - 22.00 Cum for two sets of cubes. .	7 th day compressive strength	149.51	Kg/Cm2	140.00 Kg/Cm ²	12.18	1) Excat location of work executed is not specified. 2) 28 th day test is due on 29/06/2019, same may please be wittednessed.
			163.10	Kg/Cm2			
			158.57	Kg/Cm2			
		Average	157.06	Kg/Cm2			
6	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 01/06/2019, PCC for Foundation . Represents Qty - 22.00 Cum for two sets of cubes. .	7 th day compressive strength	147.24	Kg/Cm2	140.00 Kg/Cm ²	14.88	... Do ...
			169.89	Kg/Cm2			
			165.36	Kg/Cm2			
		Average	160.83	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 03/06/2019, PCC for walls . Represents Qty - 21.00 Cum for two sets of cubes. .	7 th day compressive strength	147.24	Kg/Cm2	140.00 Kg/Cm ²	6.79	1) Excat location of work executed is not specified. 2) 28 th day test is due on 01/07/2019, same may please be wittednessed.
			140.45	Kg/Cm2			
			160.83	Kg/Cm2			
		Average	149.51	Kg/Cm2			
8	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 03/06/2019, PCC for walls . Represents Qty - 21.00 Cum for two sets of cubes. .	7 th day compressive strength	169.89	Kg/Cm2	140.00 Kg/Cm ²	10.57	... Do ...
			149.51	Kg/Cm2			
			144.98	Kg/Cm2			
		Average	154.79	Kg/Cm2			

Copy to: 1. The Assistant Engineer ,SD III,, WD I, WRD, Pernem - 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