

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :8768,8774,8782,8797,8800,8812,8816,8832,8841 & 8854 / Lab / **448** / 2019 - 20 Dated:- 22/ 02 / 2020

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

Name of Work: - Construction of protection wall near Rampurush Bhawani Temple at Bagwada Agarwada, V.P. Agarwada Chopdem under Mandrem Constituency in Pernem Taluka.

Ref. to Requisition No.: MI/SDIII/WDI/WRD/ F.58 /2019-20/ **338** Dated :- 28/01/2020.

Qty. Received. : 10 Sets of cube Date of Receipt: 29/01/2020. Tested on: 10/02/2020 To 20/02/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :3207/SS,1700/AF,3215,3228,3233,3240,3242,3244,3256 & 3271/SS. Lab. Sample No.: 7786 To 7795

Tested By: Mrs. S.B. Naik Shirodkar. J.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 1:2:4 , cast on 13/01/2020, for protection wall. Quantity represents 16.00 Cum.	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	5.71	Exact location of work done is not specified.
			231.06	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	222.00	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 14/01/2020, for protection wall. Quantity represents 12.00 Cum.	28 th day compressive strength	228.79	Kg/Cm2	210 kg/cm2	5.71	... Do ...
			217.47	Kg/Cm2			
			219.73	Kg/Cm2			
		Average	222.00	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 15/01/2020, for protection wall. Quantity represents 14.00 Cum.	28 th day compressive strength	206.14	Kg/Cm2	210 kg/cm2	4.27	... Do ...
			217.47	Kg/Cm2			
			233.32	Kg/Cm2			
		Average	218.98	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 16/01/2020, for protection wall. Quantity represents 12.00 Cum.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	7.15	... Do ...
			215.20	Kg/Cm2			
			246.91	Kg/Cm2			
		Average	225.02	Kg/Cm2			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4 , cast on 17/01/2020, for protection wall. Quantity represents 12.00 Cum.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	4.63	Exact location of work done is not specified.
			217.47	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	219.73	Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 18/01/2020, for protection wall. Quantity represents 18.00 Cum.	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	9.67	... Do ...
			242.38	Kg/Cm2			
			233.32	Kg/Cm2			
		Average	230.30	Kg/Cm2			
7	Cement concrete cube of mix 1:2:4 , cast on 20/01/2020, for protection wall. Quantity represents 14.00 Cum.	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	4.27	... Do ...
			219.73	Kg/Cm2			
			233.32	Kg/Cm2			
		Average	218.98	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 21/01/2020, for protection wall. Quantity represents 16.00 Cum.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	4.63	... Do ...
			208.40	Kg/Cm2			
			224.26	Kg/Cm2			
		Average	219.73	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 22/01/2020, for protection wall. Quantity represents 10.00 Cum.	28 th day compressive strength	208.40	Kg/Cm2	210 kg/cm2	4.99	... Do ...
			215.20	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	220.49	Kg/Cm2			
10	Cement concrete cube of mix 1:2:4 , cast on 23/01/2020, for protection wall. Quantity represents 18.00 Cum.	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	5.71	... Do ...
			231.06	Kg/Cm2			
			219.73	Kg/Cm2			
		Average	222.00	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