

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :7418,8448,7477,7493 / Lab / **216** / 2019 - 20

Dated:- 27/ 06 / 2019 Laboratory : Bicholim - Goa.

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

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

Ref. to Requisition No.: MI/SDIII/WDI/WRD/W. F.32 /2019-20/ **86** Dated :- 21/06/2019.

Qty. Recived. : 04 Sets of cube Date of Receipt: 22/06/2019. Tested on: 24/06/2019 To 27/06/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :2317,2347,2376,2392/SS. Lab. Sample No.: 6379 To 6382 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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 17/06/2019, For Foundation step Ch. 15.00 m To Ch. 40.00 m. Quantity represents 20.00 Cum	7 <sup>th</sup> day compressive strength	149.51	Kg/Cm2	140 kg/cm2	5.71	28 th day test is due on 15/07/2019. The same may please be witnessed on due date.
			154.04	Kg/Cm2			
			140.45	Kg/Cm2			
		<b>Average</b>	<b>148.00</b>	<b>Kg/Cm2</b>			
2	Cement concrete cube of mix 1:2:4 , cast on 18/06/2019, For Foundation step Ch. 0.00 m To Ch. 15.00 m. Quantity represents 18.00 Cum	7 <sup>th</sup> day compressive strength	144.98	Kg/Cm2	140 kg/cm2	7.87	28 th day test is due on 16/07/2019. The same may please be witnessed on due date.
			151.77	Kg/Cm2			
			156.30	Kg/Cm2			
		<b>Average</b>	<b>151.02</b>	<b>Kg/Cm2</b>			
3	Cement concrete cube of mix 1:2:4 , cast on 19/06/2019, For First step Ch. 15.00 m To Ch. 40.00 m. Quantity represents 17.00 Cum	7 <sup>th</sup> day compressive strength	135.92	Kg/Cm2	140 kg/cm2	6.79	28 th day test is due on 17/07/2019. The same may please be witnessed on due date.
			169.89	Kg/Cm2			
			142.71	Kg/Cm2			
		<b>Average</b>	<b>149.51</b>	<b>Kg/Cm2</b>			
4	Cement concrete cube of mix 1:2:4 , cast on 20/06/2019, For First step Ch. 0.00 m To Ch. 15.00 m. Quantity represents 15.00 Cum	7 <sup>th</sup> day compressive strength	142.71	Kg/Cm2	140 kg/cm2	7.87	28 th day test is due on 18/07/2019. The same may please be witnessed on due date.
			151.77	Kg/Cm2			
			158.57	Kg/Cm2			
		<b>Average</b>	<b>151.02</b>	<b>Kg/Cm2</b>			

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