

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7815,7816,7831,7832,7843,7844, / Lab / **263** / 2019 - 20 Dated:- 30 /07 / 2019 Laboratory : Bicholim - Goa.  
7847,7848,7858,7860,7866 Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of Work: - Improvement to the existing nallah from Café Coffee Day up to Aradi in V.P. Candolim in Calangute Constituency.**

Ref. to Requisition No.: SDII/WDI/WRD/ F.24 /2019-20/228 Dated :-16/07/2019.

Qty. Recived. : 11 Sets of cube Date of Receipt: 17/07/2019. Tested on: 18/07/2019 To 29/07/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :2628,2629,2644,2645,2655,2656,2659,2660/SS,1059/AF, 619/SP & 2665/SS Lab. Sample No.: 6680 to 6690

Tested By: Mrs. S.B. Naik Shirodkar. J.E. , Mr. Anil R. Fadte. J.E. & Mr. S.M. Patri, A.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 20/06/2019, For Foundation.	28 <sup>th</sup> day compressive strength	249.18	Kg/Cm2	210 kg/cm2	6.43	1. Quantity represents 30.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			208.40	Kg/Cm2			
			212.93	Kg/Cm2			
		<b>Average</b>	<b>223.51</b>	<b>Kg/Cm2</b>			
2	Cement concrete cube of mix 1:2:4 , cast on 20/06/2019, For Foundation.	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm2	210 kg/cm2	4.27	... Do ...
			226.53	Kg/Cm2			
			206.14	Kg/Cm2			
		<b>Average</b>	<b>218.98</b>	<b>Kg/Cm2</b>			
3	Cement concrete cube of mix 1:2:4 , cast on 21/06/2019, For Foundation.	28 <sup>th</sup> day compressive strength	242.38	Kg/Cm2	210 kg/cm2	6.07	1. Quantity represents 28.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			226.53	Kg/Cm2			
			199.34	Kg/Cm2			
		<b>Average</b>	<b>222.75</b>	<b>Kg/Cm2</b>			
4	Cement concrete cube of mix 1:2:4 , cast on 21/06/2019, For Foundation.	28 <sup>th</sup> day compressive strength	212.93	Kg/Cm2	210 kg/cm2	5.35	... Do ...
			215.20	Kg/Cm2			
			235.59	Kg/Cm2			
		<b>Average</b>	<b>221.24</b>	<b>Kg/Cm2</b>			
5	Cement concrete cube of mix 1:2:4 , cast on 22/06/2019, For 1st lift.	28 <sup>th</sup> day compressive strength	201.61	Kg/Cm2	210 kg/cm2	6.79	1. Quantity represents 30.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			217.47	Kg/Cm2			
			253.71	Kg/Cm2			
		<b>Average</b>	<b>224.26</b>	<b>Kg/Cm2</b>			
6	Cement concrete cube of mix 1:2:4 , cast on 22/06/2019, For 1st lift.	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm2	210 kg/cm2	4.99	... Do ...
			199.34	Kg/Cm2			
			242.38	Kg/Cm2			
		<b>Average</b>	<b>220.49</b>	<b>Kg/Cm2</b>			

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
7	Cement concrete cube of mix 1:2:4 , cast on 24/06/2019, For 1st lift.	28 <sup>th</sup> day compressive strength	212.93	Kg/Cm2	210 kg/cm2	3.91	1. Quantity represents 25.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			203.87	Kg/Cm2			
			237.85	Kg/Cm2			
		<b>Average</b>	<b>218.22</b>	<b>Kg/Cm2</b>			
8	Cement concrete cube of mix 1:2:4 , cast on 24/06/2019, For 1st lift.	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm2	210 kg/cm2	5.71	... Do ...
			201.61	Kg/Cm2			
			244.65	Kg/Cm2			
		<b>Average</b>	<b>222.00</b>	<b>Kg/Cm2</b>			
9	Cement concrete cube of mix 1:2:4 , cast on 26/06/2019, For 2nd lift.	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm2	210 kg/cm2	6.79	1. Quantity represents 20.00 Cum. 2. Exact location of work done is not specified.
			226.53	Kg/Cm2			
			208.40	Kg/Cm2			
		<b>Average</b>	<b>224.26</b>	<b>Kg/Cm2</b>			
10	Cement concrete cube of mix 1:2:4 , cast on 27/06/2019, For 2nd lift.	28 <sup>th</sup> day compressive strength	212.93	Kg/Cm2	210 kg/cm2	3.91	1. Quantity represents 20.00 Cum. 2. Exact location of work done is not specified.
			231.06	Kg/Cm2			
			210.67	Kg/Cm2			
		<b>Average</b>	<b>218.22</b>	<b>Kg/Cm2</b>			
11	Cement concrete cube of mix 1:2:4 , cast on 01/07/2019, For 3rd lift.	28 <sup>th</sup> day compressive strength	203.87	Kg/Cm2	210 kg/cm2	6.07	1. Quantity represents 12.00 Cum. 2. Exact location of work done is not specified.
			226.53	Kg/Cm2			
			237.85	Kg/Cm2			
		<b>Average</b>	<b>222.75</b>	<b>Kg/Cm2</b>			

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