

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9534,9559,9612,9641,9671 & 9698/ Lab / **39** / 2020 - 2021 Dated:- 02/ 06 / 2020 Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of Work: - Improvement to nallah from main road to Anil Polekar house behind Assagao Panchayat in V.P. Assagao in Siolim Constituency.**

Ref. to Requisition no.: SDI/WDI/WRD/ F.57 /2020-21/21 dated :-12/05/2020.

Qty. Recived. : 06 Sets of cube Date of Receipt: 13/05/2020. Tested on: 21/05/2020 To 28/05/2019. as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :3638,3651,3681,3692,3703 & 3713/SS Lab. Sample No.: 8632 to 8637 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 23/04/2020, For Foundation and plinth. Quantity represents 35.00 Cum.	28 <sup>th</sup> day compressive strength	246.91	Kg/Cm2	210 kg/cm2	14.34	Exact location of work done is not specified.
			235.59	Kg/Cm2			
			237.85	Kg/Cm2			
		<b>Average</b>	<b>240.12</b>	<b>Kg/Cm2</b>			
2	Cement concrete cube of mix 1:2:4 , cast on 24/04/2020, For Foundation and plinth. Quantity represents 32.00 Cum.	28 <sup>th</sup> day compressive strength	260.51	Kg/Cm2	210 kg/cm2	16.86	... Do ...
			249.18	Kg/Cm2			
			226.53	Kg/Cm2			
		<b>Average</b>	<b>245.40</b>	<b>Kg/Cm2</b>			
3	Cement concrete cube of mix 1:2:4 , cast on 27/04/2020, For Foundation and plinth. Quantity represents 35.00 Cum.	28 <sup>th</sup> day compressive strength	212.93	Kg/Cm2	210 kg/cm2	3.91	... Do ...
			217.47	Kg/Cm2			
			224.26	Kg/Cm2			
		<b>Average</b>	<b>218.22</b>	<b>Kg/Cm2</b>			
4	Cement concrete cube of mix 1:2:4 , cast on 28/04/2020, For 1 <sup>st</sup> and 2 <sup>nd</sup> lift. Quantity represents 35.00 Cum.	28 <sup>th</sup> day compressive strength	222.00	Kg/Cm2	210 kg/cm2	9.31	... Do ...
			217.47	Kg/Cm2			
			249.18	Kg/Cm2			
		<b>Average</b>	<b>229.55</b>	<b>Kg/Cm2</b>			
5	Cement concrete cube of mix 1:2:4 , cast on 29/04/2020, For 1 <sup>st</sup> and 2 <sup>nd</sup> lift. Quantity represents 33.00 Cum.	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm2	210 kg/cm2	9.67	... Do ...
			249.18	Kg/Cm2			
			226.53	Kg/Cm2			
		<b>Average</b>	<b>230.30</b>	<b>Kg/Cm2</b>			
6	Cement concrete cube of mix 1:2:4 , cast on 30/04/2020, For 2 <sup>nd</sup> and 3 <sup>rd</sup> lift. Quantity represents 32.00 Cum.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm2	210 kg/cm2	8.59	... Do ...
			237.85	Kg/Cm2			
			219.73	Kg/Cm2			
		<b>Average</b>	<b>228.04</b>	<b>Kg/Cm2</b>			

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