

**GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT**

Test Report No.: WRD / QC / F.6-2 / Cube -T :7882,7883,7886,7887,7890,7891, / Lab / **267** / 2019 - 20 Dated:- 14/ 08 / 2019 Laboratory : Bicholim - Goa.  
7893 & 7894 Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of Work: - Improvement to Pond in Sy.No. 10 in Village Bastora in Aldona Constituency.**

Ref. to Requisition No.: SDII/WDI/WRD/ F.24 /2019-20/269 dated :-05/08/2019.

Qty. Recived. : 08 Sets of cube Date of Receipt: 07/08/2019. Tested on: 09/08/2019 to 13/08/2019 as per due dates . Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :2683,2684,2687,2688/SS,1069,1070/AF,2690,2691/SS, Lab. Sample No.: 6729 & 6736

Tested By: Mrs. S.B. Naik Shirodkar, JE & Mr. Anil R. Fadte, JE.

**REPORT PAGE 01 OF 02**

SR.N O.	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 12/07/2019.	28 <sup>th</sup> day compressive strength	206.14	Kg/Cm2	210 kg/cm2	6.43	1) Quantity represented 38.00 cum for two sets of cubes. 2) Location of work done is not specified.
			226.53	Kg/Cm2			
			237.85	Kg/Cm2			
		<b>Average</b>	<b>223.51</b>	<b>Kg/Cm2</b>			
2	Cement concrete cube of mix 1:2:4 , cast on 12/07/2019.	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm2	210 kg/cm2	7.87	----- do -----
			219.73	Kg/Cm2			
			244.65	Kg/Cm2			
		<b>Average</b>	<b>226.53</b>	<b>Kg/Cm2</b>			
3	Cement concrete cube of mix 1:2:4 , cast on 13/07/2019.	28 <sup>th</sup> day compressive strength	233.32	Kg/Cm2	210 kg/cm2	7.87	1) Quantity represented 41.00 cum for two sets of cubes. 2) Location of work done is not specified.
			217.47	Kg/Cm2			
			228.79	Kg/Cm2			
		<b>Average</b>	<b>226.53</b>	<b>Kg/Cm2</b>			
4	Cement concrete cube of mix 1:2:4 , cast on 13/07/2019.	28 <sup>th</sup> day compressive strength	222.00	Kg/Cm2	210 kg/cm2	12.54	----- do -----
			260.51	Kg/Cm2			
			226.53	Kg/Cm2			
		<b>Average</b>	<b>236.34</b>	<b>Kg/Cm2</b>			
5	Cement concrete cube of mix 1:2:4 , cast on 15/07/2019.	28 <sup>th</sup> day compressive strength	240.12	Kg/Cm2	210 kg/cm2	11.11	1) Quantity represented 36.00 cum for two sets of cubes. 2) Location of work done is not specified.
			224.26	Kg/Cm2			
			235.59	Kg/Cm2			
		<b>Average</b>	<b>233.32</b>	<b>Kg/Cm2</b>			
6	Cement concrete cube of mix 1:2:4 , cast on 15/07/2019.	28 <sup>th</sup> day compressive strength	228.79	Kg/Cm2	210 kg/cm2	10.39	----- do -----
			237.85	Kg/Cm2			
			228.79	Kg/Cm2			
		<b>Average</b>	<b>231.81</b>	<b>Kg/Cm2</b>			

Junior Engineer

Assistant Engineer

**REPORT PAGE 02 OF 02**

<b>SR.N O.</b>	<b>DISCRIPTION OF SAMPLE</b>	<b>TESTED FOR</b>	<b>RESULTS</b>		<b>Max./Min.Value permissable</b>	<b>% above or below</b>	<b>REMARK</b>
7	Cement concrete cube of mix 1:2:4 , cast on 16/07/2019.	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm2	210 kg/cm2	9.67	1) Quantity represented 42.00 cum for two sets of cubes. 2) Location of work done is not specified.
			244.65	Kg/Cm2			
			226.53	Kg/Cm2			
		<b>Average</b>	<b>230.30</b>	<b>Kg/Cm2</b>			
8	Cement concrete cube of mix 1:2:4 , cast on 16/07/2019.	28 <sup>th</sup> day compressive strength	249.18	Kg/Cm2	210 kg/cm2	9.31	----- do -----
			217.47	Kg/Cm2			
			222.00	Kg/Cm2			
		<b>Average</b>	<b>229.55</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