

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3113, 3121,3122,3127 & 3136/ Lab /296/ 2021 - 22 Dated:- 11/ 02/2022.

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

**Name of work :** Improvement and supply of M.S. Gates to Open Type Bandhara near Lift Irrigation Scheme at Advoi, V.P. Bhironda in Sattari Taluka.

Ref. to Requisition No.: MI/WDVI/WRD/SDII/f-62/21-22/422 Dt.:- 02/ 02/ 2022

Qty. Received. : 05 Sets of cube Date of Receipt:- 05/02/ 2022. Tested on: - 05,07,08 & 09/02/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample:Cube Mix PCC 1:2:4 O.SNo.:7578,7588,7589,7597, & 7606/SS Lab. Sample No.: 2882 To 2886 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 08/01/2022. For D/s of cut off.	28 <sup>th</sup> day compressive strength	215.20	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.87	Qty represents - 17.00 Cum.
			237.85	Ka/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>226.53</b>			
2	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 10/01/2022. For Apron between piers & U/s & D/s Apron.	28 <sup>th</sup> day compressive strength	215.20	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.27	Qty represents - 35.00 Cum for two sets of cubes.
			217.47	Ka/Cm <sup>2</sup>			
			224.26	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>218.98</b>			
3	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 10/01/2022. For Apron between piers & U/s & D/s Apron.	28 <sup>th</sup> day compressive strength	219.73	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	--do--
			224.26	Ka/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>225.02</b>			
4	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 11/01/2022. For Retaining wall foundation of U/s of O.T.B Left side.	28 <sup>th</sup> day compressive strength	210.67	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.23	Qty represents - 10.00 Cum.
			244.65	Ka/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>227.28</b>			
5	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 12/01/2022. For Retaining wall foundation of U/s of O.T.B Right side.	28 <sup>th</sup> day compressive strength	246.91	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	12.54	Qty represents - 13.00 Cum.
			226.53	Ka/Cm <sup>2</sup>			
			235.59	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>236.34</b>			

Copy to: 1. The Assistant Engineer , SD II , WDVI , WRD,Valpoi-Sattari - 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 VI ,WRD, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer