

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 017,060,082,098,105 & 106 / Lab / **89** / 2020 - 2021 Dated:- 08 / 07 / 2020. Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Construction of water course and field channels for M2/WC-2,OL-2, OL -3, OL -4 and OL - 5 of Camurlim Minor of LBMC of TIP at village in Bardez Taluka.**

Ref. to Requisition No.: SD I / WD VIII /WRD / W. F.24 /2020-21/ **45** Dated :- 29 / 05 / 2020.

Qty. Recived. : 06 Sets of cube Date of Receipt:- 08 / 06 / 2020. Tested on: - 17/06/2020 To 25/06/2020, as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 3922,3960,3981,3994,4000 & 4001 . Lab. Sample No.: 9145 To 9150 Tested By: Mrs. S. B. Naik Shirodkar, JE.

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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 <b>1 :2 : 4</b> , cast on 20/05/2020. PCC for beds of Chamber.	28 <sup>th</sup> day compressive strength	217.47	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	16.14	Qty represents - 7.00 Cum.
			249.18	Kg/Cm <sup>2</sup>			
			265.04	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>243.89</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 23/05/2020. PCC for walls of Chamber.	28 <sup>th</sup> day compressive strength	231.06	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	14.70	Qty represents - 8.00 Cum.
			237.85	Kg/Cm <sup>2</sup>			
			253.71	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>240.87</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 25/05/2020. PCC for beds of retaining wall.	28 <sup>th</sup> day compressive strength	267.30	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	12.90	Qty represents - 8.00 Cum.
			231.06	Kg/Cm <sup>2</sup>			
			212.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>237.10</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 27/05/2020. PCC for walls of retaining wall.	28 <sup>th</sup> day compressive strength	260.51	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	11.11	Qty represents - 8.00 Cum.
			226.53	Kg/Cm <sup>2</sup>			
			212.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>233.32</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 28/05/2020. PCC for beds of Chamber and retaining wall.	28 <sup>th</sup> day compressive strength	255.97	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	16.50	Qty represents - 18.00 Cum for two sets of cubes.
			244.65	Kg/Cm <sup>2</sup>			
			233.32	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>244.65</b>			
6	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 28/05/2020. PCC for beds of Chamber and retaining wall.	28 <sup>th</sup> day compressive strength	244.65	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	17.22	----Do ----
			258.24	Kg/Cm <sup>2</sup>			
			235.59	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>246.16</b>			

Copy to: 1. The Assistant Engineer , SD I , WD VIII, WRD, Karaswada, Bardez - 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 VIII ,WRD, Karaswada -Bardez - Goa.

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer