

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T : 173,177 & 178 / Lab / **101** / 2020 - 2021 Dated:- 22 / 07/ 2020

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

Name of Work: - Improvement to Existing Bandhara at D/S of Vehicular bridge at Assonora. Regarding construction of side protection wall at RHS bank of Assonara.

Ref. to Requisition No.: F.36/SD III/WDVI/WRD/2020-21/ **42** Dated :- 19-06-2020

Ref. to Requisition No.: F.36/SD III/WDVI/WRD/2020-21/ **43** Dated :- 23-06-2020

Qty. Recived. : 01 + 02 Sets of cube Date of Receipt: -20 & 23/06/2020. Tested on:- 11, 18 & 19/07/2020 . Ref to CPWD :2009, Vol. I

Sample: PCC 1 : 2 : 4 Mix **O.S No. :** 4063,4067 & 4068/SS. **Lab. Sample No.:** 9257,9265 & 9266 **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 13/06/2020. PCC for retaining wall foundation.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/Cm ²	15.06	Represents Qty. 19.00 Cum.
			258.24	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	241.63			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/06/2020. PCC for retaining wall foundation and side wall.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/Cm ²	4.99	Represents Qty. 18.00 Cum.
			203.87	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	220.49			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 21/06/2020. PCC for retaining side wall.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/Cm ²	9.31	Represents Qty. 19.00 Cum.
			240.12	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	229.55			

1. Copy to: The Assistant Engineer SD III , WD VI , WRD , Mulgao - 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