

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9307 & 9308 / Lab / **504** / 2019 - 2020. Dated:- 30 / 03 / 2020 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Improvement to the existing bund and manas at Konadi – Korgao, V.P.Korgao in Pernem Taluka

Ref. to Requisition No.: MI/SDIII/WDI/WRD/ F. 58 /2019-20/ 336 Dated :- 27 /01 / 2020.

Qty. : 02 Sets of cube Date of Receipt: - 21/02/2020. Tested on: 24/03/2020 & 26/03/2020 as per due dates. Ref to CPWD : 2009, Vol. I

Sample: Cube 1:2:4 & 1:1.5:3 Mix O.S No. : 675 & 676/SP Lab. Sample No.: 8026 & 8026 (a) (Ramco Cement vide L.S.No.8026)

Tested By: Mr. S. M. Patri. A.E.

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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 25/02/2020 in QC laboratory , by using materials such as Ramco cement, aggregates & sand brought to this laboratory for testing.	28 th day compressive strength	274.10	Kg/Cm2	210.00kg/cm2	29.08	Cement is tested for C.S.T. of concrete cubes <u>in lieu of cement mortar cubes</u> , as the I.S. Sand required for casting cement mortar cubes is not available.
			271.83	Kg/Cm2			
			267.30	Kg/Cm2			
		Average	271.08	Kg/Cm2			
2	Cement concrete cube of mix 1:1.5:3 , cast on 27/02/2020 in QC laboratory , by using materials such as Ramco cement, aggregates & sand brought to this laboratory for testing.	28 th day compressive strength	342.05	Kg/Cm2	265.00kg/cm2	29.65	
			344.32	Kg/Cm2			
			344.32	Kg/Cm2			
		Average	343.56	Kg/Cm2			

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