GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9003 & 9040 / Lab / **473**/ 2019 - 2020.   Dated:-   06 / 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: 03/03/2020 & 05/03/2020 as per due dates.   Ref to CPWD : 2009, Vol. I

Sample: Cube 1:2:4 & 1:1.5:3 Mix   O.S No. : 3344 & 3372/SS   Lab. Sample No.: 8026 & 8026 (a) (Ramco Cement vide L.S.No.8026)   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 25/02/2020 in QC laboratory , by using materials such as Ramco cement, aggregates & sand brought to this laboratory for testing.	7 th day compressive strength	172.16	Kg/Cm2	140.00kg/cm2	26.21	Cement is tested for C.S.T. of concrete cubes in lieu of cement mortar cubes, as the I.S. Sand required for casting cement mortar cubes is not available. 28 th day test is due on 24 & 26 /03/2020 and result of the same will be comunicated later on.
			165.36	Kg/Cm2			
			192.55	Kg/Cm2			
		Average	**176.69**	**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.	7 th day compressive strength	212.93	Kg/Cm2	175.00kg/cm2	29.01	
			226.53	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	**225.77**	**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