

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :8851,8855, 8873,8888,8914,8918,8940,8953 & 8962 / Lab / **467** / 2019 - 20 Dated:- 03 / 03 / 2020

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

Name of Work: - Construction of nallah protection wall from Sakaram Godker house to the existing lake at village Konadi at V.P. Korgao in Pernem Taluka.

Ref. to Requisition No.: MI/SDIII/WDI/WRD/ F.58 /2019-20/ **360** Dated :- 12/02/2020.

Qty. Recived. : 09 Sets of cube Date of Receipt: 19/02/2020. Tested on: 19/02/2020 To 29/02/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. : 3266,3272/SS,1750/AF,3281,3287,3293,3302,3211 & 3217/SS. Lab. Sample No.: 8010 To 8018

Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. Anil R. Fadte. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 22/01/2020, for protection wall. Quantity represents 12.00 Cum.	28 th day compressive strength	210.67	Kg/Cm2	210 kg/cm2	14.70	Exact location of work done is not specified.
			262.77	Kg/Cm2			
			249.18	Kg/Cm2			
		Average	240.87	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 23/01/2020, for protection wall. Quantity represents 14.00 Cum.	28 th day compressive strength	244.65	Kg/Cm2	210 kg/cm2	16.86	... Do ...
			255.97	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	245.40	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 24/01/2020, for protection wall. Quantity represents 12.00 Cum.	28 th day compressive strength	271.83	Kg/Cm2	210 kg/cm2	28.72	... Do ...
			269.57	Kg/Cm2			
			269.57	Kg/Cm2			
		Average	270.32	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 25/01/2020, for protection wall. Quantity represents 08.00 Cum.	28 th day compressive strength	265.04	Kg/Cm2	210 kg/cm2	14.70	... Do ...
			226.53	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	240.87	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4 , cast on 28/01/2020, for protection wall. Quantity represents 12.00 Cum.	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	12.18	Exact location of work done is not specified.
			249.18	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	235.59	Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 29/01/2020, for protection wall. Quantity represents 14.00 Cum.	28 th day compressive strength	253.71	Kg/Cm2	210 kg/cm2	21.53	... Do ...
			265.04	Kg/Cm2			
			246.91	Kg/Cm2			
		Average	255.22	Kg/Cm2			
7	Cement concrete cube of mix 1:2:4 , cast on 30/01/2020, for protection wall. Quantity represents 16.00 Cum.	28 th day compressive strength	260.51	Kg/Cm2	210 kg/cm2	22.61	... Do ...
			262.77	Kg/Cm2			
			249.18	Kg/Cm2			
		Average	257.48	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 31/01/2020, for protection wall. Quantity represents 14.00 Cum.	28 th day compressive strength	246.91	Kg/Cm2	210 kg/cm2	17.94	... Do ...
			258.24	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	247.67	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 01/02/2020, for protection wall. Quantity represents 14.00 Cum.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	13.26	... Do ...
			249.18	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	237.85	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