

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2260,2264,2281,2295,2310,2320,2336/ Lab / 121 / 2021 - 22 Dated:-24/06/ 2021 Laboratory : Bicholim - Goa.

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

Name of work : Improvement to the sides of existing spring at Shemche Advan V.P.Varkhand in Pernem Taluka.

Ref. to Requisition No.: MI/SDIII/WDI/F-58/2021-22/90 dt. 14/06/2021.

Qty. Recived. : 07 Sets of cube Date of Receipt:- 14 / 06 / 2021. Tested on: -14,15,16,17,18,19,21/06/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No:6491,6495,6514,6528,6543,6553,6569/SS. Lab. Sample No.: 1880 TO 1886 Tested By: Mrs. 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 17/05/2021. For Tank Retaining wall.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 16.00 Cum.
			226.53	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/05/2021. For Tank Retaining wall.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 28.00 Cum.
			231.06	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/05/2021. For Tank Retaining wall.	28 th day compressive strength	206.14	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 24.00 Cum.
			233.32	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/05/2021. For Tank Retaining wall.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	13.26	Qty represents - 25.00 Cum.
			249.18	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	237.85	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 21/05/2021. For Tank Retaining wall.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 20.00 Cum.
			215.20	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	218.22	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 22/05/2021. For Tank Retaining wall.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	11.47	Qty represents - 28.00 Cum.
			237.85	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	234.08	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 24/05/2021. For Tank Retaining wall.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	12.90	Qty represents - 24.00 Cum.
			244.65	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	237.10	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDIII , WD I, WRD, Dhargal, 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