

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4867,4868,4886,4887,4901,/ Lab / **131/ 2022 - 23** Dated:- 22/06/2022. Laboratory : Bicholim - Goa.

4902,4932,4933,4958,4959,4979,4980,4990 & 5003.

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

Name of work :Improvement to comunidade nallah from Mestre Compus to Shri. Gundu Naik house at Porbawado in Calangute Constituency.

Ref. to Requisition No.: SDII/WDI/WRD/F.24/2022-23/111 Dt.:- 08/ 06/ 2022

Qty. Received. : 14 Sets of cube Date of Receipt:- 09/06/ 2022. Tested on: 09,10,11,13,14,15,16 & 17/06/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. :8832,8833,8852,8853,8869,8870,8902,8903,8931,8932,8953,8954,8964 & 8977/SS Lab. Sample No.: 4848 to 4861 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 12/05/2022. For Foundation.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 35.00 M3 for two sets of cubes.
			215.20	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 12/05/2022. For Foundation.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	6.43	----- do -----
			224.26	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 13/05/2022. For Foundation.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 34.00 M3 for two sets of cubes.
			219.73	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 13/05/2022. For Foundation.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	4.99	----- do -----
			212.93	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
5	Cement concrete cube of mix 1:2:4 , cast on 14/05/2022. For Foundation.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 32.00 M3 for two sets of cubes.
			219.73	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 , cast on 14/05/2022. For Foundation.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	5.71	----- do -----
			217.47	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	222.00	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
7	Cement concrete cube of mix 1:2:4 , cast on 16/05/2022. For Foundation.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	2.48	Qty represents - 32.00 M3 for two sets of cubes.
			199.34	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	215.20			
8	Cement concrete cube of mix 1:2:4 , cast on 16/05/2022. For Foundation.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	3.91	----- do -----
			212.93	Kg/Cm ²			
			203.87	Kg/Cm ²			
			Average	218.22			
9	Cement concrete cube of mix 1:2:4 , cast on 17/05/2022. For 1 st lift.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 30.00 M3 for two sets of cubes.
			217.47	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	217.47			
10	Cement concrete cube of mix 1:2:4 , cast on 17/05/2022. For 1 st lift.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	7.87	----- do -----
			233.32	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	226.53			
11	Cement concrete cube of mix 1:2:4 , cast on 18/05/2022. For 1 st lift.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 34.00 M3 for two sets of cubes.
			215.20	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	221.24			
12	Cement concrete cube of mix 1:2:4 , cast on 18/05/2022. For 1 st lift.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	4.63	----- do -----
			219.73	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	219.73			
13	Cement concrete cube of mix 1:2:4 , cast on 19/05/2022. For 2 nd lift.	28 th day compressive strength	201.61	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 18.00 M3.
			215.20	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	218.22			
14	Cement concrete cube of mix 1:2:4 , cast on 20/05/2022. For 2 nd lift.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 20.00 M3.
			217.47	Kg/Cm ²			
			224.26	Kg/Cm ²			
			Average	225.77			

Copy to: 1. The Assistant Engineer , SD II , WDI, WRD, Mapusa, Bardez - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer , WDI ,WRD, Porvorim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer