

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2424,2437,2504,2505,2516,2517/ Lab / **148** / 2021 - 22 Dated:-12/07/ 2021. Laboratory : Bicholim - Goa.
2528,2529,2539,2540,2550,2551 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Flood control measures at Survey No.385/9 at Bandirwaddo in V.P.Anjuna in Siolim Constituency.

Ref. to Requisition No.: SDI/WDI/WRD/F.57/21-22/107 Dated :-14/ 06/ 2021.

Qty. Recived. :12 Sets of cube Date of Receipt:- 14/ 06/ 2021. Tested on: -28/06/2021 & 05,06,07,08,09/07/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1: 2: 4 O.S No. :6664,6677,6750,6751,6763,6764,6776,6777,6787,6788,6798,6799/SS Lab. Sample No.: 1848 To 1859

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 31/05/2021. For Foundation & Plinth.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	9.67	Qty represents -32.00 Cum for two sets of cubes.
			244.65	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	230.30			
2	Cement concrete cube of mix 1:2:4 , cast on 31/05/2021. For Foundation & Plinth.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	5.35	----- do -----
			212.93	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	221.24			
3	Cement concrete cube of mix 1:2:4 , cast on 07/06/2021. For Foundation & Plinth.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents -30.00 Cum for two sets of cubes.
			219.73	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	218.22			
4	Cement concrete cube of mix 1:2:4 , cast on 07/06/2021. For Foundation & Plinth.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.07	----- do -----
			244.65	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	222.75			
5	Cement concrete cube of mix 1:2:4 , cast on 08/06/2021. For Foundation & Plinth.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents -33.00 Cum for two sets of cubes.
			237.85	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	222.00			

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 08/06/2021. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents -33.00 Cum for two sets of cubes.
			212.93	Kg/Cm ²			
			222.00	Kg/Cm ²			
			Average	220.49			
7	Cement concrete cube of mix 1:2:4 , cast on 09/06/2021. For Foundation & Plinth.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents -30.00 Cum for two sets of cubes.
			240.12	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	224.26			
8	Cement concrete cube of mix 1:2:4 , cast on 09/06/2021. For Foundation & Plinth.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	7.51	----- do -----
			219.73	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	225.77			
9	Cement concrete cube of mix 1:2:4 , cast on 10/06/2021. For Foundation & Plinth.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 31.00 Cum for two sets of cubes.
			215.20	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	218.22			
10	Cement concrete cube of mix 1:2:4 , cast on 10/06/2021. For Foundation & Plinth.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	3.91	----- do -----
			217.47	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	218.22			
11	Cement concrete cube of mix 1:2:4 , cast on 11/06/2021. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 33.00 Cum for two sets of cubes.
			215.20	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	224.26			
12	Cement concrete cube of mix 1:2:4 , cast on 11/06/2021. For Foundation & Plinth.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	9.67	----- do -----
			233.32	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	230.30			

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