

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :5006,5007,5038,5039,5056,/ Lab /142/ 2022 - 23 Dated:- 04/07/2022.
5057,5101,5102,5158,5159,5184 & 5185

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

Name of work : Improvement to nallah from Narayan Gaonkar house to Amar Narvekar house at Bandirwaddo in Ward No. 3, V.P. Anjuna Caisua in Siolim Constituency.

Ref. to Requisition No.: SDI/WDI/WRD/F.57/22-23/86 Dated :- 08/06/ 2022.

Qty. Recived. : 12 Sets of cube Date of Receipt:- 15/06/ 2022. Tested on: 17,20,21,24 & 29/06/2022 , 01/07/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1: 2: 4** O.S No. :8980,8981,9012,9013,9030,9031,9075 & 9076/SS, 0804,0805/R.K, 9136 & 9137/SS Lab. Sample No.: **4920 to 4931** Tested By: Mrs. R. R. Kadam A.E. & Mrs. S.B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

SR. NO	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 20/05/2022. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 35.00 M3 for two sets of cube.
			212.93	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	218.22			
2	Cement concrete cube of mix 1: 2: 4 , cast on 20/05/2022. For Foundation & Plinth.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	6.43	----- do -----
			212.93	Kg/Cm ²			
			224.26	Kg/Cm ²			
			Average	223.51			
3	Cement concrete cube of mix 1: 2: 4 , cast on 23/05/2022. For Foundation & Plinth.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 35.00 M3 for two sets of cube.
			231.06	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	218.98			
4	Cement concrete cube of mix 1: 2: 4 , cast on 23/05/2022. For Foundation & Plinth.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	2.84	----- do -----
			222.00	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	215.95			
5	Cement concrete cube of mix 1: 2: 4 , cast on 24/05/2022. For 1 st & 2 nd Lift.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 34.00 M3 for two sets of cube.
			208.40	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	227.28			
6	Cement concrete cube of mix 1: 2: 4 , cast on 24/05/2022. For 1 st & 2 nd Lift.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	10.39	----- do -----
			233.32	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	231.81			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

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 27/05/2022. For Foundation & Plinth	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 38.00 M3 for two sets of cube.
			231.06	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	221.24			
8	Cement concrete cube of mix 1: 2: 4 , cast on 27/05/2022. For Foundation & Plinth	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	6.07	----- do -----
			215.20	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	222.75			
9	Cement concrete cube of mix 1: 2: 4 , cast on 01/06/2022. For 1 st & 2 nd Lift.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 33.00 M3 for two sets of cube.
			212.93	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	220.49			
10	Cement concrete cube of mix 1: 2: 4 , cast on 01/06/2022. For 1 st & 2 nd Lift.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	4.63	----- do -----
			210.67	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	219.73			
11	Cement concrete cube of mix 1: 2: 4 , cast on 03/06/2022. For 1 st & 2 nd Lift.	28 th day compressive strength	201.61	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 35.00 M3 for two sets of cube.
			219.73	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	218.22			
12	Cement concrete cube of mix 1: 2: 4 , cast on 03/06/2022. For 1 st & 2 nd Lift.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	6.79	----- do -----
			203.87	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	224.26			

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