

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 6879,6880,6889,6890,6897,6898/Lab/57/2023 - 24 Dated:- 12/05/2023.

Laboratory : Bicholim - Goa.

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

Name of work :- Improvement of nallahs from Sy. No. 1/1 to Sy. No. 37, in Morambi-O-Pequeno at Mercedes in St. Cruz Constituency.

Ref. to Requisition No : SDI/WDI/WRD/F.57/23-24/10 dated :-18/04/2023.

Qty. Recived. : 06 Sets of cubes Date of Receipt:- 10/05/2023 Tested on:- 10,11 & 12/05/2023 Ref to CPWD :2009, Vol. I

Sample: Cube **Mix 1:2:4** O.S No: 814,815,826,827,837,838/SS . Lab. Sample No: 7071 To 7076

Tested By: Mrs. S.B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

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 12/04/2023. for Foundation.	28 th day compressive strength	226.53	Ka/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 38.00 m3 for two sets of cube.
			215.20	Ka/Cm ²			
			217.47	Ka/Cm ²			
		Average	219.73	Ka/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 12/04/2023. for Foundation.	28 th day compressive strength	235.59	Ka/Cm ²	210.00 Kg/cm ²	11.82	-----do-----
			242.38	Ka/Cm ²			
			226.53	Ka/Cm ²			
		Average	234.83	Ka/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 13/04/2023. for Foundation.	28 th day compressive strength	233.32	Ka/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 37.00 m3 for two sets of cube.
			235.59	Ka/Cm ²			
			217.47	Ka/Cm ²			
		Average	228.79	Ka/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 13/04/2023. for Foundation.	28 th day compressive strength	231.06	Ka/Cm ²	210.00 Kg/cm ²	11.47	-----do-----
			237.85	Ka/Cm ²			
			233.32	Ka/Cm ²			
		Average	234.08	Ka/Cm²			

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
5	Cement concrete cube of mix 1:2:4 , cast on 14/04/2023. for Foundation.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 38.00 m3 for two sets of cube.
			210.67	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 , cast on 14/04/2023. for Foundation.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	6.79	-----do-----
			219.73	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	224.26	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDI, WDI, 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, WDI, WRD, Porvorim - Goa.
4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer