

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8741,8756,8760,8769,8788 / Lab / **436** /2019 - 20

Dated:- 14 / 02 / 2020 Laboratory : Bicholim- Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Construction of Nalla from Holy Family School upto Melory Pinto House in ward No 7 in V.P. Socorro in Porvorim Constituency.

Ref. to Requisition No.: SDII/WDI/WRD/ F.24 /2019-20/583 Dated :-30 / 01 / 2020.

Qty. Recived. : 05 Sets of cube Date of Receipt: 05/02/2020. Tested on: 07/02/2020 To 12/02/2020 aas per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 3190,3202 /SS,1690/AF,3208,3221/SS Lab. Sample No.: 7874 To7878 Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. Anil. R. Fadte. J.E.

| SR. NO | DISCRIPTION OF SAMPLE | TESTED FOR | RESULTS | | Max./Min.Value permissable | % above or below | REMARK |
|--------|--|---|---------------|---------------|----------------------------|------------------|---|
| 1 | Plain Cement concrete cube of mix 1 : 2 : 4 cast on 10/01/2020, PCC for Foundation. | 28 th day compressive strength | 260.51 | Kg/Cm2 | 210.00 Kg/Cm ² | 16.86 | Quantity represents 36.00 Cum and exact location of work done is not specified. |
| | | | 226.53 | Kg/Cm2 | | | |
| | | | 249.18 | Kg/Cm2 | | | |
| | | Average | 245.40 | Kg/Cm2 | | | |
| 2 | Plain Cement concrete cube of mix 1 : 2 : 4 cast on 11/01/2020, PCC for Wall. | 28 th day compressive strength | 244.65 | Kg/Cm2 | 210.00 Kg/Cm ² | 18.66 | Quantity represents 32.00 Cum and exact location of work done is not specified. |
| | | | 255.97 | Kg/Cm2 | | | |
| | | | 246.91 | Kg/Cm2 | | | |
| | | Average | 249.18 | Kg/Cm2 | | | |
| 3 | Plain Cement concrete cube of mix 1 : 2 : 4 cast on 12/01/2020, PCC for Foundation. | 28 th day compressive strength | 271.83 | Kg/Cm2 | 210.00 Kg/Cm ² | 27.65 | Quantity represents 18.00 Cum and exact location of work done is not specified. |
| | | | 267.30 | Kg/Cm2 | | | |
| | | | 265.04 | Kg/Cm2 | | | |
| | | Average | 268.06 | Kg/Cm2 | | | |
| 4 | Plain Cement concrete cube of mix 1 : 2 : 4 cast on 13/01/2020, PCC for Wall. | 28 th day compressive strength | 249.18 | Kg/Cm2 | 210.00 Kg/Cm ² | 21.89 | Quantity represents 32.00 Cum and exact location of work done is not specified. |
| | | | 262.77 | Kg/Cm2 | | | |
| | | | 255.97 | Kg/Cm2 | | | |
| | | Average | 255.97 | Kg/Cm2 | | | |
| 5 | Plain Cement concrete cube of mix 1 : 2 : 4 cast on 15/01/2020, PCC for Wall. | 28 th day compressive strength | 265.04 | Kg/Cm2 | 210.00 Kg/Cm ² | 22.61 | Quantity represents 16.00 Cum and exact location of work done is not specified. |
| | | | 249.18 | Kg/Cm2 | | | |
| | | | 258.24 | Kg/Cm2 | | | |
| | | Average | 257.48 | Kg/Cm2 | | | |

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