

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8839 & 8852 / Lab / **447** / 2019 - 20 Dated:- 22/02 / 2020 Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Providing Barbed wire fencing from ch. 24.080 km to 24.350 km of LBMC of TIP at Village Colvale in Bardez Taluka.**

Ref. to Requisition No.: WRD /WD VIII / SD I / WF.41 /2019-20/190 dated :- 27/ 01 / 2020.

Qty. Recived. : 02 Sets of cube Date of Receipt:- 28 / 01 / 2020. Tested on: - 19 & 20 / 02/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 3254 & 3269/SS. Lab. Sample No.: 7777 & 7778 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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| SR. NO. | DISCRIPTION OF SAMPLE  | TESTED FOR                                | RESULTS       |                          | Max./Min.Value permissible | % above or below | REMARK                     |
|---------|--|---|---------------|--------------------------|----------------------------|------------------|----------------------------|
| 1       | Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 22/01/2020, for retaining wall. | 28 <sup>th</sup> day compressive strength | 203.87        | Kg/Cm <sup>2</sup>       | 210.00 Kg/cm <sup>2</sup>  | 2.84             | Qty represents - 7.00 Cum. |
|         |  |   | 215.20        | Kg/Cm <sup>2</sup>       |                            |                  |                            |
|         |  |   | 228.79        | Kg/Cm <sup>2</sup>       |                            |                  |                            |
|         |  | <b>Average</b>                            | <b>215.95</b> | <b>Kg/Cm<sup>2</sup></b> |                            |                  |                            |
| 2       | Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 23/01/2020, for chamber wall.   | 28 <sup>th</sup> day compressive strength | 226.53        | Kg/Cm <sup>2</sup>       | 210.00 Kg/cm <sup>2</sup>  | 4.63             | Qty represents - 7.50 Cum. |
|         |  |   | 212.93        | Kg/Cm <sup>2</sup>       |                            |                  |                            |
|         |  |   | 219.73        | Kg/Cm <sup>2</sup>       |                            |                  |                            |
|         |  | <b>Average</b>                            | <b>219.73</b> | <b>Kg/Cm<sup>2</sup></b> |                            |                  |                            |

Copy to: 1. The Assistant Engineer , SDI , WD VIII, WRD, Karaswada, 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 ,WD VIII ,WRD, Karaswada -Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer