

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :7821 & 7835 / Lab / **253** / 2019 - 20

Dated:- 20/06/2019 Laboratory : Bicholim - Goa.

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

**Name of Work: - Construction of protection wall near Rampurush Bhawani Temple at Bagwada Agarwada V.P. Agarwada Chopde under Mandrem Constituency in Pernem Taluka.**

Ref. to Requisition No.: MI/SDIII/WDI/WRD/W. F.32 /2019-20/ **90** Dated :- 24/06/2019.

Qty. Recived. : 02 Sets of cube Date of Receipt: 25/06/2019. Tested on: 19/06/2019 & 20/06/2019. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :2634 & 2648/SS. Lab. Sample No.: 6506 & 6507 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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| SR.N<br>O. | DISCRIPTION OF SAMPLE   | TESTED FOR                                      | RESULTS       |               | Max./Min.Value<br>permissable | % above or<br>below | REMARK                        |
|------------|---|---|---------------|---------------|-------------------------------|---------------------|-------------------------------|
|            |   |   |               |               |                               |                     |                               |
| 1          | Cement concrete cube of mix 1:2:4 , cast on 21/06/2019, For Second step Ch. 15.00 m To Ch. 40.00 m. | 28 <sup>th</sup> day<br>compressive<br>strength | 226.53        | Kg/Cm2        | 210 kg/cm2                    | 8.59                | Quantity represents 20.00 Cum |
|            |   |   | 244.65        | Kg/Cm2        |                               |                     |                               |
|            |   |   | 212.93        | Kg/Cm2        |                               |                     |                               |
|            |   | <b>Average</b>                                  | <b>228.04</b> | <b>Kg/Cm2</b> |                               |                     |                               |
| 2          | Cement concrete cube of mix 1:2:4 , cast on 22/06/2019, For Third step Ch. 0.0 m To Ch. 40.00 m.    | 28 <sup>th</sup> day<br>compressive<br>strength | 237.85        | Kg/Cm2        | 210 kg/cm2                    | 7.51                | Quantity represents 15.00 Cum |
|            |   |   | 226.53        | Kg/Cm2        |                               |                     |                               |
|            |   |   | 212.93        | Kg/Cm2        |                               |                     |                               |
|            |   | <b>Average</b>                                  | <b>225.77</b> | <b>Kg/Cm2</b> |                               |                     |                               |

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