

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7932 & 7936 / Lab / **291** / 2019 - 20 Dated:- 26/10 / 2019 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Outlets and R - Minor 6 taking off at ch. 7.38 km of SDC of LBMC of TIP at Sarvan, Bicholim Goa.

Ref. to Requisition No.: WRD /WD VIII / SD VI / F.257 / 2019-20 /87 dated :- 19 / 10 / 2019.

Qty. Recived. : 02 Sets of cube Date of Receipt:- 22 / 10 / 2019. Tested on: -23/10 / 2019 & 26/10/2019 Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 2723 & 2732 /SS. Lab. Sample No.: 6853 & 6854 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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| 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 25/09/2019, for Bed concrete below pipe of outlets, Anchor blocks, Pillar of HRP and chambers at Outlet. | 28 th day compressive strength | 258.24 | Kg/Cm ² | 210.00 Kg/cm ² | 25.85 | Qty represents - 14.50 Cum. |
| | | | 271.83 | Kg/Cm ² | | | |
| | | | 262.77 | Kg/Cm ² | | | |
| | | Average | 264.28 | Kg/Cm² | | | |
| 2 | Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 28/09/2019, for Bed concrete below pipe of outlets, Anchor blocks, Pillar of HRP and chambers at Outlet. | 28 th day compressive strength | 262.77 | Kg/Cm ² | 210.00 Kg/cm ² | 26.21 | Qty represents - 14.80 Cum. |
| | | | 260.51 | Kg/Cm ² | | | |
| | | | 271.83 | Kg/Cm ² | | | |
| | | Average | 265.04 | Kg/Cm² | | | |

Copy to: 1. The Assistant Engineer , SDVI , WD VIII, WRD, Bicholim - 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