

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 10,000,022,048 & 064 / Lab / **66** / 2020 - 21 Dated:- 23 / 06 / 2020. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Field Chnnels for DWC 1R takes off from Ch. 24.175 and DO 1R takes off from ch. 24.761 kms of LBMC of TIP at Colvale village of Bardez Taluka.

Ref. to Requisition No.: SD I / WD VIII /WRD / W. F.07 /2020-21/ **38** Dated :- 28 / 05 / 2020.

Qty. Recived. : 04 Sets of cube Date of Receipt:- 12 / 06 / 2020. Tested on: - 15/06/2020 To 20/06/2020, as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 3911,3927,3949 & 3964/SS. Lab. Sample No.: 9213 To 9216 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 | Cement concrete cube of mix 1 : 2 : 4 , cast on 18/05/2020. P.C.C. for beds of Chamber . | 28 th day compressive strength | 237.85 | Kg/Cm ² | 210.00 Kg/cm ² | 5.71 | Qty represents - 7.00 Cum. |
| | | | 212.93 | Kg/Cm ² | | | |
| | | | 215.20 | Kg/Cm ² | | | |
| | | Average | 222.00 | Kg/Cm² | | | |
| 2 | Cement concrete cube of mix 1 : 2 : 4 , cast on 20/05/2020. P.C.C. for beds of Chamber . | 28 th day compressive strength | 226.53 | Kg/Cm ² | 210.00 Kg/cm ² | 16.50 | Qty represents - 6.00 Cum. |
| | | | 262.77 | Kg/Cm ² | | | |
| | | | 244.65 | Kg/Cm ² | | | |
| | | Average | 244.65 | Kg/Cm² | | | |
| 3 | Cement concrete cube of mix 1 : 2 : 4 , cast on 22/05/2020. P.C.C. for wall Chamber . | 28 th day compressive strength | 212.93 | Kg/Cm ² | 210.00 Kg/cm ² | 10.75 | Qty represents - 6.00 Cum. |
| | | | 249.18 | Kg/Cm ² | | | |
| | | | 235.59 | Kg/Cm ² | | | |
| | | Average | 232.57 | Kg/Cm² | | | |
| 4 | Cement concrete cube of mix 1 : 2 : 4 , cast on 23/05/2020. P.C.C. for beds of Chamber . | 28 th day compressive strength | 231.06 | Kg/Cm ² | 210.00 Kg/cm ³ | 6.07 | Qty represents - 7.00 Cum. |
| | | | 226.53 | Kg/Cm ² | | | |
| | | | 210.67 | Kg/Cm ² | | | |
| | | Average | 222.75 | Kg/Cm² | | | |

Copy to: 1. The Assistant Engineer , SD -I , 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