

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 6310,6311,6318,6319,6324,6325/Lab/**301**/2022 - 23 Dated:- 08/03/2023. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : - Maintenance of Lift Irrigation Scheme at Bhom Padeli in Sattari Taluka. Reg. Extension of half round pipe canal from existing chamber to the field of Shri. Satish V. Dessai, Shri. Prakash Y. Dessai, Shri. Uttam V. Gawas, Shri Pramod N. Dessai and others at Advoi V.P. Bhironda in Sattari Taluka.

Ref. to Requisition No: MIN/WDVI/WRD/SDII/F.62/22-23/573 dated :- 27/02/2023.

Qty. Recived. : 06 Sets of cubes Date of Receipt:- 02/03/2023. Tested on: - 02,04 & 06/03/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No: 983,984/RK & 333,334,342,343/SS Lab. Sample No: 6362 To 6367 Tested By: Mrs. R.R. Kadam A.E. & Mrs. S.B. Naik Shirodkar J.E.

REPORT PAGE 01 OF 02

| 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 02/02/2023. For Pillar Ch. 0.00 to 382.00 Mts. | 28 th day compressive strength | 226.53 | Kg/Cm ² | 210.00 Kg/cm ² | 6.07 | Qty represents - 19.50 M3 for two sets of cube. |
| | | | 210.67 | Kg/Cm ² | | | |
| | | | 231.06 | Kg/Cm ² | | | |
| | | | Average | 222.75 | | | |
| 2 | Cement concrete cube of mix 1:2:4 , cast on 02/02/2023. For Pillar Ch. 0.00 to 382.00 Mts. | 28 th day compressive strength | 237.85 | Kg/Cm ² | 210.00 Kg/cm ² | 6.79 | -----do----- |
| | | | 215.20 | Kg/Cm ² | | | |
| | | | 219.73 | Kg/Cm ² | | | |
| | | | Average | 224.26 | | | |
| 3 | Cement concrete cube of mix 1:2:4 , cast on 04/02/2023. For Chamber Ch. 0.00 to 100.00 Mts. | 28 th day compressive strength | 210.67 | Kg/Cm ² | 210.00 Kg/cm ² | 4.99 | Qty represents - 18.00 M3 for two sets of cube. |
| | | | 219.73 | Kg/Cm ² | | | |
| | | | 231.06 | Kg/Cm ² | | | |
| | | | Average | 220.49 | | | |
| 4 | Cement concrete cube of mix 1:2:4 , cast on 04/02/2023. For Chamber Ch. 0.00 to 100.00 Mts. | 28 th day compressive strength | 235.59 | Kg/Cm ² | 210.00 Kg/cm ² | 6.43 | -----do----- |
| | | | 208.40 | Kg/Cm ² | | | |
| | | | 226.53 | Kg/Cm ² | | | |
| | | | Average | 223.51 | | | |

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

| SR. NO. | DISCRIPTION OF SAMPLE | TESTED FOR | RESULTS | | Max./Min.Value permissable | % above or below | REMARK |
|---------|--|---|---------------|--------------------------|----------------------------|------------------|---|
| 5 | Cement concrete cube of mix 1:2:4 , cast on 06/02/2023. For Chamber Ch. 232.00 to 382.00 Mts. | 28 th day compressive strength | 237.85 | Kg/Cm ² | 210.00 Kg/cm ² | 7.15 | Qty represents - 19.00 M3 for two sets of cube. |
| | | | 215.20 | Kg/Cm ² | | | |
| | | | 222.00 | Kg/Cm ² | | | |
| | | Average | 225.02 | Kg/Cm² | | | |
| 6 | Cement concrete cube of mix 1:2:4 , cast on 06/02/2023. For Chamber Ch. 232.00 to 382.00 Mts. | 28 th day compressive strength | 231.06 | Kg/Cm ² | 210.00 Kg/cm ² | 10.39 | -----do----- |
| | | | 246.91 | Kg/Cm ² | | | |
| | | | 217.47 | Kg/Cm ² | | | |
| | | Average | 231.81 | Kg/Cm² | | | |

Copy to: 1. The Assistant Engineer , SD II, WD VI, WRD, Valpoi Sattari - 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 VI, WRD, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer