

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2646,2647,2648/ Lab / **170** / 2021 - 22 Dated:-09/ 08 /2021. Laboratory : Bicholim - Goa.

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

**Name of work : Urgent reinstatement of the breached canal portion including improvement and strengthening works for RBMC of TIP at chainage 12.500kms. at village Kasarvornem in Pernem Taluka**

Ref. to Requisition No.: F.366/SDI/WDVII/WRD/2021-22/96 Dated :- 04/ 08/ 2021.

Qty. Received. :03 Sets of cube Date of Receipt:- 04/08/ 2021. Tested on: -04,05,06/08/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix RCC 1:2:4 O.S No. : 6888,6889,6890/ SS . Lab. Sample No.: 2135 to 2137 Tested By: Mrs. Shirodkar. J.E.

**Cube test witnessed by Shri. Rakesh Jairaj representative by Agency Saibini Construction Pvt ltd on 04/08/2021**

**REPORT PAGE 01 OF 01**

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>1:2:4</b> , cast on 07/07/2021.R.C.C for C.D base. (Ch.12.500kms)	28 <sup>th</sup> day compressive strength	249.18	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	17.22	Qty represents -20.00 Cum.
			228.79	Kg/Cm <sup>2</sup>			
			260.51	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>246.16</b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 08/07/2021.R.C.C for Embedding of C.D base. (Ch.12.500kms)	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	12.90	Qty represents -20.00 Cum.
			246.91	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>237.10</b>			
3	Cement concrete cube of mix <b>1:2:4</b> , cast on 09/07/2021.R.C.C for Side walls. (Ch.12.500kms)	28 <sup>th</sup> day compressive strength	235.59	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	14.70	Qty represents -20.00 Cum.
			242.38	Kg/Cm <sup>2</sup>			
			244.65	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>240.87</b>			

Copy to: 1. The Assistant Engineer , SD I , WD VII,WRD, Dhargal-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 VII,WRD, Dhargal-Pernem - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer