

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 5308, 5309, 5314 & 5323 /Lab/ **154** / 2022 - 23 Dated:- 23/08/2022.

Laboratory : Bicholim - Goa.

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

Name of work : "Flood Mitigation measures and construction of flood water pumping station at Mala, Panaji - Goa".

Ref. to Requisition No.: SDIV/WDI/WRD/F.38/22-23/319 Dt.:- 29/07/2022

Qty. Recived. : 4 Sets of cube Date of Receipt:- 01/08/2022. Tested on: 08,12,16 & 21/08/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-30** O.S No. :9264, 9265,9270 & 9277/SS Lab. Sample No.: **5160 to 5163** 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 M-30 , cast on 11/07/2022. For Column 1st Lift from C1 to C8.	28 th day compressive strength	342.05	Kg/Cm ²	345.00 Kg/cm ²	4.18	Qty represents - 4.00 cum.
			362.44	Kg/Cm ²			
			373.77	Kg/Cm ²			
		Average	359.42	Kg/Cm²			
2	Cement concrete cube of mix M-30 , cast on 15/07/2022. For Column 2nd Lift from C1 to C8.	28 th day compressive strength	335.26	Kg/Cm ²	345.00 Kg/cm ²	2.43	Qty represents - 4.00 cum.
			344.32	Kg/Cm ²			
			380.56	Kg/Cm ²			
		Average	353.38	Kg/Cm²			
3	Cement concrete cube of mix M-30 , cast on 19/07/2022. For Column 1st Lift from C14 to C21 & C23.	28 th day compressive strength	362.44	Kg/Cm ²	345.00 Kg/cm ²	2.21	Qty represents - 4.00 cum.
			332.99	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	352.63	Kg/Cm²			
4	Cement concrete cube of mix M-30 , cast on 24/07/2022. For Column 1st Lift from C14 to C21 & C23.	28 th day compressive strength	339.79	Kg/Cm ²	345.00 Kg/cm ²	3.74	Qty represents - 4.00 cum.
			351.12	Kg/Cm ²			
			382.83	Kg/Cm ²			
		Average	357.91	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD IV , WDI, WRD, Porvorim - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer , WDI ,WRD, Porvorim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer