

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :3523, 3524,3541, 3542,3557,/ Lab /341/ 2021 - 22 Dated:- 25/ 03/2022.
3558,3582 & 3583

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

Name of work : "Improvement and Development of Veling Talli at Talewada in Survey No. 22/0, of Veling Village in Priol Constituency.

Ref. to Requisition No.: WRD/WDXI/SDIV/W.F.464/510/21-22 Dated :- 08/ 03/ 2022.

Qty. Recived. : 08 Sets of cube Date of Receipt:- 21/ 03/ 2022. Tested on: 21,22,23 & 24/03/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1: 2: 4 O.S No. :189,190,213,214,234,235,261 & 262,/R.K. Lab. Sample No.: 3418 To 3425 Tested By: Mrs. R.R.Kadam A.E.

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix PCC 1 :2 : 4 , cast on 21/02/2022. For Foundation(20mm nominal).	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	13.98	Qty represents - 20.00 m3 for two sets of cube.
			226.53	Kg/Cm ²			
			253.71	Kg/Cm ²			
			Average	239.36			
2	Cement concrete cube of mix PCC 1 :2 : 4 , cast on 21/02/2022. For Foundation(20mm nominal).	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	14.34	----- do -----
			233.32	Kg/Cm ²			
			240.12	Kg/Cm ²			
			Average	240.12			
3	Cement concrete cube of mix PCC 1 :2 : 4 , cast on 22/02/2022. For Foundation(20mm nominal).	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	15.06	Qty represents - 20.00 m3 for two sets of cube.
			242.38	Kg/Cm ²			
			253.71	Kg/Cm ²			
			Average	241.63			
4	Cement concrete cube of mix PCC 1 :2 : 4 , cast on 22/02/2022. For Foundation(20mm nominal).	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.39	----- do -----
			224.26	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	231.81			
5	Cement concrete cube of mix PCC 1 :2 : 4 , cast on 23/02/2022. For Foundation(20mm nominal).	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	14.70	Qty represents - 20.00 m3 for two sets of cube.
			262.77	Kg/Cm ²			
			228.79	Kg/Cm ²			
			Average	240.87			
6	Cement concrete cube of mix PCC 1 :2 : 4 , cast on 23/02/2022. For Foundation(20mm nominal).	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	10.39	----- do -----
			235.59	Kg/Cm ²			
			242.38	Kg/Cm ²			
			Average	231.81			

Assistant Engineer

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Cement concrete cube of mix PCC 1 :2 : 4 , cast on 24/02/2022. For Foundation(20mm nominal).	28 th day compressive strenath	244.65	Kg/Cm ²	210.00 Kg/cm ²	12.90	Qty represents - 20.00 m3 for two sets of cube.
			237.85	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	237.10	Kg/Cm²			
8	Cement concrete cube of mix PCC 1 :2 : 4 , cast on 24/02/2022. For Foundation(20mm nominal).	28 th day compressive strenath	233.32	Kg/Cm ²	210.00 Kg/cm ²	14.34	----- do -----
			224.26	Kg/Cm ²			
			262.77	Kg/Cm ²			
		Average	240.12	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD IV , WD XI, WRD, Ponda - 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 XI ,WRD,Ravonfond, Navelim, Salcete - Goa.

4. QC Lab File. 5. Bill File.

Assistant Engineer