

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3322,3323,3339,3348,3349,3369,/ Lab / **329** / 2021 - 22 Dated:- 11/03/2022. Laboratory : Bicholim - Goa.  
3383,3392 & 3397. Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work :Improvement to existing nalla bank from Cyril Pereira house up to Umankant Dhargalkar (Left Side Wall) house in ward no. 1, Mapusa Municipal Council Cuchelim in Mapusa Constituency.**

Ref. to Requisition No.: WRD/SDII/WDI/F.24/2021-22/462 Dt.: -03/ 03/ 2022

Qty. Received. : 13 Sets of cube Date of Receipt:- 03/ 03 / 2022. Tested on: 03,04,05,06,07,08 & 09/03/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :156 & 157/R.K , 7810,7821,7822,7842,7857,7866 & 7873/SS Lab. Sample No.: 3229 to 3241 Tested By: Mrs. R.R.Kadam A.E. & 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 CC 1:2:4 , cast on 22/02/2022. PCC for Foundation.	07 th day compressive strength <b>Average</b>	7th day test is lapsed.			7th day test is due on 01/03/2022. Sample of cubes received to QC on 03/03/2022.Posted for 28th day test.	
2	Cement concrete cube of mix CC 1:2:4 , cast on 22/02/2022. PCC for Foundation.	07 th day compressive strength <b>Average</b>	----- do -----			----- do -----	
3	Cement concrete cube of mix CC 1:2:4 , cast on 23/02/2022. PCC for Foundation.	07 th day compressive strength <b>Average</b>	7th day test is lapsed.			7th day test is due on 02/03/2022. Sample of cubes received to QC on 03/03/2022.Posted for 28th day test.	
4	Cement concrete cube of mix CC 1:2:4 , cast on 23/02/2022. PCC for Foundation.	07 th day compressive strength <b>Average</b>	----- do -----			----- do -----	
5	Cement concrete cube of mix CC 1:2:4 , cast on 24/02/2022. PCC for Foundation.	07 th day compressive strength <b>Average</b>	160.83 167.63 154.04 <b>160.83</b>	Kg/Cm <sup>2</sup> Kg/Cm <sup>2</sup> Kg/Cm <sup>2</sup> <b>Kg/Cm<sup>2</sup></b>	140.00 Kg/cm <sup>2</sup>	14.88	Qty represents - 28.50 Cum for two sets of cubes.
6	Cement concrete cube of mix CC 1:2:4 , cast on 24/02/2022. PCC for Foundation.	07 th day compressive strength <b>Average</b>	165.36 169.89 154.04 <b>163.10</b>	Kg/Cm <sup>2</sup> Kg/Cm <sup>2</sup> Kg/Cm <sup>2</sup> <b>Kg/Cm<sup>2</sup></b>	140.00 Kg/cm <sup>2</sup>	16.50	----- do -----

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7	Cement concrete cube of mix CC 1:2:4 , cast on 25/02/2022. PCC for 1st lift.	07 th day	174.43	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	14.88	Qty represents - 23.00 Cum.
		compressive	154.04	Kg/Cm <sup>2</sup>			
		strength	154.04	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>160.83</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix CC 1:2:4 , cast on 26/02/2022. PCC for 1st lift.	07 th day	154.04	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	11.11	Qty represents - 25.00 Cum for two sets of cubes.
		compressive	140.45	Kg/Cm <sup>2</sup>			
		strength	172.16	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>155.55</b>	<b>Kg/Cm<sup>2</sup></b>			
9	Cement concrete cube of mix CC 1:2:4 , cast on 26/02/2022. PCC for 1st lift.	07 th day	158.57	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	10.57	----- do -----
		compressive	169.89	Kg/Cm <sup>2</sup>			
		strength	135.92	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>154.79</b>	<b>Kg/Cm<sup>2</sup></b>			
10	Cement concrete cube of mix CC 1:2:4 , cast on 27/02/2022. PCC for 1st lift.	07 th day	144.98	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	5.71	Qty represents - 22.00 Cum.
		compressive	142.71	Kg/Cm <sup>2</sup>			
		strength	156.30	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>148.00</b>	<b>Kg/Cm<sup>2</sup></b>			
11	Cement concrete cube of mix CC 1:2:4 , cast on 28/02/2022. PCC for 2nd lift.	07 th day	149.51	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	6.79	Qty represents - 22.00 Cum.
		compressive	158.57	Kg/Cm <sup>2</sup>			
		strength	140.45	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>149.51</b>	<b>Kg/Cm<sup>2</sup></b>			
12	Cement concrete cube of mix CC 1:2:4 , cast on 01/03/2022. PCC for 2nd lift.	07 th day	165.36	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	15.96	Qty represents - 23.00 Cum.
		compressive	154.04	Kg/Cm <sup>2</sup>			
		strength	167.63	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>162.34</b>	<b>Kg/Cm<sup>2</sup></b>			
13	Cement concrete cube of mix CC 1:2:4 , cast on 02/03/2022. PCC for 3rd lift.	07 th day	144.98	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	6.79	Qty represents - 22.00 Cum.
		compressive	147.24	Kg/Cm <sup>2</sup>			
		strength	156.30	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>149.51</b>	<b>Kg/Cm<sup>2</sup></b>			

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

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer