

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9038,9054,9071,9078,9092,9105,9122,9135,9148,9160,9338,9352,9354,9357,9376 & 9384 / Lab / **01** / 2020 - 21 Dated:- 01 / 04 / 2020.

Laboratory : Bicholim - Goa.

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

Name of Work: - Improvement to existing Tali at Sangavwada V.P. Ozari in Pernem -Goa.

Ref. to Requisition No.: MI/ SDIII/WDI/WRD/ F.58 /2019-20/ **378** Dated :- 04 /03/2020.

Qty. Recived. : 16 Sets of cube Date of Receipt: 05/03/2020. Tested on: 05/03/2020 To 01/04/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. : 3370,3382,3398,3403,3415,3435,3448,3458,3467/SS,635,695,701,703,706,712 & 716/SP. Lab. Sample No.: 8249 To 8264

Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. S.M. Patri. A.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 06/02/2020. PCC for Nallah wall.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	6.07	1) Quantity represents 28.00 Cum 2) Exact location of work done is not specified.
			217.47	Kg/Cm2			
			224.26	Kg/Cm2			
		Average	222.75	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 07/02/2020. PCC for Nallah wall.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	3.91	1) Quantity represents 29.00 Cum 2) Exact location of work done is not specified.
			228.79	Kg/Cm2			
			203.87	Kg/Cm2			
		Average	218.22	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 08/02/2020. PCC for Nallah wall.	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	7.87	1) Quantity represents 28.00 Cum 2) Exact location of work done is not specified.
			237.85	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	226.53	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 09/02/2020. PCC for Nallah wall.	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	8.23	1) Quantity represents 27.00 Cum 2) Exact location of work done is not specified.
			235.59	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	227.28	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 10/02/2020. PCC for Nallah wall.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	3.91	1) Quantity represents 29.00 Cum 2) Exact location of work done is not specified.
			215.20	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	218.22	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1:2:4 , cast on 11/02/2020. PCC for Nallah wall.	28 th day compressive strength	210.67	Kg/Cm2	210 kg/cm2	7.15	1) Quantity represents 27.00 Cum 2) Exact location of work done is not specified.
			237.85	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	225.02	Kg/Cm2			
7	Cement concrete cube of mix 1:2:4 , cast on 12/02/2020. PCC for Nallah wall.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	8.59	1) Quantity represents 29.00 Cum 2) Exact location of work done is not specified.
			226.53	Kg/Cm2			
			240.12	Kg/Cm2			
		Average	228.04	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 13/02/2020. PCC for Nallah wall.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	7.51	1) Quantity represents 28.00 Cum 2) Exact location of work done is not specified.
			219.73	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	225.77	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 14/02/2020. PCC for Nallah wall.	28 th day compressive strength	228.79	Kg/Cm2	210 kg/cm2	4.99	1) Quantity represents 28.00 Cum 2) Exact location of work done is not specified.
			212.93	Kg/Cm2			
			219.73	Kg/Cm2			
		Average	220.49	Kg/Cm2			
10	Cement concrete cube of mix 1:2:4 , cast on 15/02/2020. PCC for Nallah wall.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	2.84	1) Quantity represents 29.00 Cum 2) Exact location of work done is not specified.
			231.06	Kg/Cm2			
			199.34	Kg/Cm2			
		Average	215.95	Kg/Cm2			
11	Cement concrete cube of mix 1:2:4 , cast on 28/02/2020. PCC for Nallah wall.	28 th day compressive strength	228.79	Kg/Cm2	210 kg/cm2	9.31	1) Quantity represents 29.00 Cum 2) Exact location of work done is not specified.
			224.26	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	229.55	Kg/Cm2			
12	Cement concrete cube of mix 1:2:4 , cast on 29/02/2020. PCC for Nallah wall.	28 th day compressive strength	255.97	Kg/Cm2	210 kg/cm2	15.06	1) Quantity represents 29.00 Cum 2) Exact location of work done is not specified.
			224.26	Kg/Cm2			
			244.65	Kg/Cm2			
		Average	241.63	Kg/Cm2			
13	Cement concrete cube of mix 1:2:4 , cast on 01/03/2020. PCC for Nallah wall.	28 th day compressive strength	278.63	Kg/Cm2	210 kg/cm2	28.36	1) Quantity represents 28.00 Cum 2) Exact location of work done is not specified.
			269.57	Kg/Cm2			
			260.51	Kg/Cm2			
		Average	269.57	Kg/Cm2			

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
14	Cement concrete cube of mix 1:2:4 , cast on 02/03/2020. PCC for Nallah wall.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	12.18	1) Quantity represents 29.00 Cum 2) Exact location of work done is not specified.
			235.59	Kg/Cm2			
			244.65	Kg/Cm2			
		Average	235.59	Kg/Cm2			
15	Cement concrete cube of mix 1:2:4, cast on 03/03/2020. PCC for Nallah wall.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	13.26	1) Quantity represents 28.00 Cum 2) Exact location of work done is not specified.
			253.71	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	237.85	Kg/Cm2			
16	Cement concrete cube of mix 1:2:4, cast on 04/03/2020. PCC for Nallah wall.	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	11.11	1) Quantity represents 27.00 Cum 2) Exact location of work done is not specified.
			233.32	Kg/Cm2			
			242.38	Kg/Cm2			
		Average	233.32	Kg/Cm2			

- Copy to: 1. The Assistant Engineer ,SD III,WD I,WRD, 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 I,WRD, Porvorim Goa.
4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer