

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :9200,9201,9228,9229,9242,9243,9251,9252,9260,9261,9264,9265,9283,9284,9295 & 9296 / Lab / **503** / 2019 - 20 Dated:- 30 / 03 / 2020

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

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

Ref. to Requisition No.: MI/SDIII/WDI/WRD/ F.58 /2019-20/ **400** Dated :- 16 / 03 / 2020.

Qty. Recived. : 16 Sets of cube Date of Receipt: 17/03/2020. Tested on: 17/03/2020 To 25/03/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. : 3489,3490,3519,3520,3537,3538,3544,3445/SS,641,642,645,646,659,660,667,668/SP. Lab. Sample No.: 8417 To 8432

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 permissable	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 18/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	5.71	1.Quantity represents 29.00 Cum for two sets of cubes cast on 18/02/2020. 2.Exact location of work done is not specified.
			208.40	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	222.00	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 18/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	2.84	... Do ...
			231.06	Kg/Cm2			
			203.87	Kg/Cm2			
		Average	215.95	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 20/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	4.63	1.Quantity represents 28.00 Cum for two sets of cubes cast on 20/02/2020. 2.Exact location of work done is not specified.
			212.93	Kg/Cm2			
			208.40	Kg/Cm2			
		Average	219.73	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 20/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	1.76	... Do ...
			217.47	Kg/Cm2			
			219.73	Kg/Cm2			
		Average	213.69	Kg/Cm2			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4 , cast on 21/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	210.67	Kg/Cm2	210 kg/cm2	3.91	1.Quantity represents 27.00 Cum for two sets of cubes cast on 21/02/2020. 2.Exact location of work done is not specified.
			217.47	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	218.22	Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 21/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	235.59	Kg/Cm2	210 kg/cm2	6.07	... Do ...
			215.20	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	222.75	Kg/Cm2			
7	Cement concrete cube of mix 1:2:4 , cast on 22/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	3.91	1.Quantity represents 29.00 Cum for two sets of cubes cast on 22/02/2020. 2.Exact location of work done is not specified.
			226.53	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	218.22	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 22/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	7.15	... Do ...
			240.12	Kg/Cm2			
			212.93	Kg/Cm2			
		Average	225.02	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 23/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	6.43	1.Quantity represents 27.00 Cum for two sets of cubes cast on 23/02/2020. 2.Exact location of work done is not specified.
			226.53	Kg/Cm2			
			228.79	Kg/Cm2			
		Average	223.51	Kg/Cm2			
10	Cement concrete cube of mix 1:2:4 , cast on 23/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	6.43	... Do ...
			231.06	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	223.51	Kg/Cm2			
11	Cement concrete cube of mix 1:2:4 , cast on 24/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	235.59	Kg/Cm2	210 kg/cm2	3.91	1.Quantity represents 29.00 Cum for two sets of cubes cast on 24/02/2020. 2.Exact location of work done is not specified.
			203.87	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	218.22	Kg/Cm2			

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
12	Cement concrete cube of mix 1:2:4 , cast on 24/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	4.63	1.Quantity represents 29.00 Cum for two sets of cubes cast on 24/02/2020. 2.Exact location of work done is not specified.
			231.06	Kg/Cm2			
			210.67	Kg/Cm2			
		Average	219.73	Kg/Cm2			
13	Cement concrete cube of mix 1:2:4 , cast on 25/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	7.15	1.Quantity represents 28.00 Cum for two sets of cubes cast on 25/02/2020. 2.Exact location of work done is not specified.
			228.79	Kg/Cm2			
			224.26	Kg/Cm2			
		Average	225.02	Kg/Cm2			
14	Cement concrete cube of mix 1:2:4 , cast on 25/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	6.07	... Do ...
			237.85	Kg/Cm2			
			206.14	Kg/Cm2			
		Average	222.75	Kg/Cm2			
15	Cement concrete cube of mix 1:2:4 , cast on 26/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	6.43	1.Quantity represents 28.00 Cum for two sets of cubes cast on 26/02/2020. 2.Exact location of work done is not specified.
			240.12	Kg/Cm2			
			208.40	Kg/Cm2			
		Average	223.51	Kg/Cm2			
16	Cement concrete cube of mix 1:2:4 , cast on 26/02/2020. P.C.C for Nallah wall.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	3.91	... Do ...
			199.34	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	218.22	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