

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :9159,9184,9198,9216,9225,9239 & 9272 / Lab / **500** / 2019 - 20 Dated:- 26 / 03 / 2020 Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of Work: - Construction of Nallah protection wall from Sakaram Godker house to the existing lake at village Konadi at V.P. Korgao in Pernem Taluka.**

Ref. to Requisition No.: MI/SDIII/WDI/WRD/ F.58 /2019-20/ **373** Dated :- 28 / 02 / 2020.

Qty. Recived. : 08 Sets of cube Date of Receipt: - 12 / 03 / 2020. Tested on: 14 / 03 / 2020 To 23 / 03 /2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. : 634/SP,3478,3487,3503,3517,3534 /SS & 651/SP Lab. Sample No.: 8373 To 8380.

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

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 15 / 02 / 2020. PCC for Protection Wall.	28 <sup>th</sup> day compressive strength	203.87	Kg/Cm2	210 kg/cm2	2.84	1) Quantity represents 16.00 Cum. 2) Exact location of work executed is not specified.
			235.59	Kg/Cm2			
			208.40	Kg/Cm2			
			<b>Average</b>	<b>215.95</b>			
2	Cement concrete cube of mix 1:2:4 , cast on 17 / 02 / 2020. PCC for Protection Wall.	28 <sup>th</sup> day compressive strength	258.24	Kg/Cm2	210 kg/cm2	18.66	1) Quantity represents 08.00 Cum. 2) Exact location of work executed is not specified.
			237.85	Kg/Cm2			
			251.44	Kg/Cm2			
			<b>Average</b>	<b>249.18</b>			
3	Cement concrete cube of mix 1:2:4 , cast on 18 / 02 / 2020. PCC for Protection Wall.	28 <sup>th</sup> day compressive strength	260.51	Kg/Cm2	210 kg/cm2	15.78	1) Quantity represents 10.00 Cum. 2) Exact location of work executed is not specified.
			237.85	Kg/Cm2			
			231.06	Kg/Cm2			
			<b>Average</b>	<b>243.14</b>			
4	Cement concrete cube of mix 1:2:4 , cast on 19 / 02 / 2020. PCC for Protection Wall.	28 <sup>th</sup> day compressive strength	249.18	Kg/Cm2	210 kg/cm2	21.53	1) Quantity represents 12.00 Cum. 2) Exact location of work executed is not specified.
			271.83	Kg/Cm2			
			244.65	Kg/Cm2			
			<b>Average</b>	<b>255.22</b>			
5	Cement concrete cube of mix 1:2:4 , cast on 20 / 02 / 2020. PCC for Protection Wall.	28 <sup>th</sup> day compressive strength	253.71	Kg/Cm2	210 kg/cm2	11.11	1) Quantity represents 12.00 Cum. 2) Exact location of work executed is not specified.
			215.20	Kg/Cm2			
			231.06	Kg/Cm2			
			<b>Average</b>	<b>233.32</b>			

Junior Engineer

Assistant Engineer

SR.NO.	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 21 / 02 / 2020. PCC for Protection Wall.	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm2	210 kg/cm2	2.84	1) Quantity represents 10.00 Cum. 2) Exact location of work executed is not specified.
			212.93	Kg/Cm2			
			219.73	Kg/Cm2			
		<b>Average</b>	<b>215.95</b>	<b>Kg/Cm2</b>			
7	Cement concrete cube of mix 1:2:4 , cast on 22 / 02 / 2020. PCC for Protection Wall.	28 <sup>th</sup> day compressive strength	217.47	Kg/Cm2	210 kg/cm2	15.78	1) Quantity represents 15.00 Cum. 2) Exact location of work executed is not specified.
			249.18	Kg/Cm2			
			262.77	Kg/Cm2			
		<b>Average</b>	<b>243.14</b>	<b>Kg/Cm2</b>			
8	Cement concrete cube of mix 1:2:4 , cast on 24 / 02 / 2020. PCC for Protection Wall.	28 <sup>th</sup> day compressive strength	278.63	Kg/Cm2	210 kg/cm2	23.69	1) Quantity represents 20.00 Cum. 2) Exact location of work executed is not specified.
			260.51	Kg/Cm2			
			240.12	Kg/Cm2			
		<b>Average</b>	<b>259.75</b>	<b>Kg/Cm2</b>			

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