

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2009,2010,2015,2016,2029,2035/ Lab /81/ 2021 - 22 Dated:- 24/05/ 2021. Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Improvement to Nallah near Narayan Naik's fields at Gawaliwada, in village panchayat at Penha-De-France in Porvorim Constituency.**

Ref. to Requisition No.: SDII/WDI/WRD/F.24/21-22/39 Dated :- 30/04/2021.

Qty. Received. : 06 Sets of cube Date of Receipt:- 10/ 05 / 2021. Tested on: -18,19,20,21/05/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1: 2: 4 O.S No. : 63,64/RK & 6238,6239,6253,6259/SS Lab. Sample No.: 1496 To 1501 Tested By: Mrs.R.R.Kadam.A.E & Mrs. 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 <b>1:2:4</b> , cast on 20/04/2021. For Foundation Nallah wall.	28 <sup>th</sup> day compressive strength	206.14	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.55	Qty represents -25.00 Cum for two sets of cubes.
			226.53	Kg/Cm <sup>2</sup>			
			219.73	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>217.47</b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 20/04/2021. For Foundation Nallah wall.	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	----- do -----
			235.59	Kg/Cm <sup>2</sup>			
			224.26	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>225.02</b>			
3	Cement concrete cube of mix <b>1:2:4</b> , cast on 21/04/2021. For 1 <sup>st</sup> lift Nallah wall.	28 <sup>th</sup> day compressive strength	235.59	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty represents -20.00 Cum for two sets of cubes.
			226.53	Kg/Cm <sup>2</sup>			
			212.93	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>225.02</b>			
4	Cement concrete cube of mix <b>1:2:4</b> , cast on 21/04/2021. For 1 <sup>st</sup> lift Nallah wall.	28 <sup>th</sup> day compressive strength	217.47	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.71	----- do -----
			231.06	Kg/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>222.00</b>			
5	Cement concrete cube of mix <b>1:2:4</b> , cast on 22/04/2021. For 2 <sup>nd</sup> lift Nallah wall.	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.95	Qty represents -14.00 Cum.
			228.79	Kg/Cm <sup>2</sup>			
			233.32	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>228.79</b>			

Junior Engineer

Assistant Engineer

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<b>SR. NO</b>	<b>DISCRIPTION OF SAMPLE</b>	<b>TESTED FOR</b>	<b>RESULTS</b>		<b>Max./Min.Value permissable</b>	<b>% above or below</b>	<b>REMARK</b>
6	Cement concrete cube of mix <b>1:2:4</b> , cast on 23/04/2021. For 3 <sup>rd</sup> lift Nallah wall.	28 <sup>th</sup> day compressive strength	210.67	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.91	Qty represents -12.00 Cum.
			215.20	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>218.22</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD II , WD I, 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 , WD I ,WRD, Porvorim- Goa.

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer