

**GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT**

Test Report No.: WRD/QC/F.6-2/Cube -T : 9767,9777,9803,9826,9844 & 9864 / Lab / **46** / 2020 - 2021 Dated:- 06 / 06/ 2020

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

**Name of Work: - Desilting of Rivulets / Poi , Agricultural fields and reconstruction of existing Sluice in Savat Khazan and Kharat Khazan fields at Shirgao in Bicholim Taluka.**

Ref. to Requisition No.: F. 36 /SD III/ WD VI / WRD /2020-21/ **24**

Dated :- 29-05-2020

Ref. to Requisition No.: F. 36 /SD III/ WD VI / WRD /2020-21/ **26**

Dated :- 02-06-2020

Qty. Recived. : 03+ 03 Sets of cube Date of Receipt: -30/05/2020 & 03/06/2020. Tested on:- 01 To 06/06/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: PCC 1 : 2 : 4 **Mix O.S No.** : 3752,3757, 3771,3785,3800 & 3815/SS. **Lab. Sample No.:** 9018 To 9020, 9048 To 9050 **Tested By:** - Mrs. S. B. Naik Shirodkar ., J.E.

**REPORT PAGE 01 OF 02**

SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 25/05/2020. PCC for Bridge Abutment and Retaining wall.	7 <sup>th</sup> day compressive strength	149.51	Kg/Cm <sup>2</sup>	140.00 Kg/Cm <sup>2</sup>	10.03	1) Represents Qty. 17.00 Cum. 2) 28 th day test is due on 22/06/2020, which may please be witnessed on due date.
			154.04	Kg/Cm <sup>2</sup>			
			158.57	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>154.04</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 26/05/2020. PCC for Bridge Abutment and Retaining wall	7 <sup>th</sup> day compressive strength	140.45	Kg/Cm <sup>2</sup>	140.00 Kg/Cm <sup>2</sup>	5.17	1) Represents Qty. 18.00 Cum. 2) 28 th day test is due on 23/06/2020, which may please be witnessed on due date.
			154.04	Kg/Cm <sup>2</sup>			
			147.24	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>147.24</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 27/05/2020. PCC for Bridge Abutment and Retaining wall	7 <sup>th</sup> day compressive strength	169.89	Kg/Cm <sup>2</sup>	140.00 Kg/Cm <sup>2</sup>	13.80	1) Represents Qty. 18.00 Cum. 2) 28 th day test is due on 24/06/2020, which may please be witnessed on due date.
			151.77	Kg/Cm <sup>2</sup>			
			156.30	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>159.32</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 28/05/2020. PCC for Bridge Abutment and Retaining wall.	7 <sup>th</sup> day compressive strength	160.83	Kg/Cm <sup>2</sup>	140.00 Kg/Cm <sup>2</sup>	8.95	1) Represents Qty. 18.00 Cum. 2) 28 th day test is due on 25/06/2020, which may please be witnessed on due date.
			149.51	Kg/Cm <sup>2</sup>			
			147.24	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>152.53</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

**REPORT PAGE 02 OF 02**

SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 29/05/2020. PCC for Bridge Abutment and Retaining wall.	7 <sup>th</sup> day compressive strength	156.30	Kg/Cm <sup>2</sup>	140.00 Kg/Cm <sup>2</sup>	9.49	1) Represents Qty. 18.00 Cum. 2) 28 th day test is due on 26/06/2020, which may please be witnessed on due date.
			158.57	Kg/Cm <sup>2</sup>			
			144.98	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>153.28</b>	<b>Kg/Cm<sup>2</sup></b>			
6	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 30/05/2020. PCC for Bridge Abutment and Retaining wall.	7 <sup>th</sup> day compressive strength	151.77	Kg/Cm <sup>2</sup>	140.00 Kg/Cm <sup>2</sup>	12.18	1) Represents Qty. 18.00 Cum. 2) 28 th day test is due on 27/06/2020, which may please be witnessed on due date.
			156.30	Kg/Cm <sup>2</sup>			
			163.10	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>157.06</b>	<b>Kg/Cm<sup>2</sup></b>			

1. Copy to: The Assistant Engineer SD III , WD VI , WRD , Mulgao - 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 VI, WRD, Bicholim-Goa.

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer