

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

**Test Report No.:** WRD/Q.C./F.6-4/ Cement-T: 1305/Lab/ 237 /2021-22    **Dated:** 03/ 01 /2022 .    **Laboratory:** Bicholim  
**Sub Div:** V (QC)/WRD/Bicholim Goa.

**Sub:- Construction of Pilgao – Narva Distributory of LBMC of TIP from ch.8670m to ch.10725m at Narve village in Bicholim Taluka.(Balance Work)**

**Ref to requisition No.:** SDII/WDVIII/WRD/F.160-1/2021-22/92    **Dated:** 08/12/2021.

**Qty. Received:** 1 bags each    **Date of Receipt:** 14/12/2021    **Tested on:** 15/12/2021    **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

**Sample:**, Cement    **O.S. N.:** 7190/SS    **Lab. Sample No.:** 2473    **Tested by:** Mrs. Shirodkar.JE.

**R E P O R T 01 OF 01**

<b>Sr. No.</b>	<b>Description of sample</b>	<b>Tested for</b>	<b>Results</b>	<b>Max. /Min. value permissible</b>	<b>Remarks</b>
1.	<b>Cement:</b> Dalmia Cement, bearing IS:269 Ordinary Portland cement, Manuf. date: W – 46, M- 12, Year - 2021 CM/L = <u>6200022577</u> Qty. rep. –. To be used for –		i) Fineness of Cement : 1.17 % ii) Consistency of cement : 31.00% iii) Initial Setting Time : 170 minutes iv) Final Setting Time : 290 minutes	----- (It should not be more than 10%) (It should be in the neighborhood of 35%) ---- (It should not be less than 30 minutes) -- (It should not be more than 600 minutes)	<b><u>REMARK: The observed results are within the permissible limit for Ordinary Portland cement.</u></b>

Copy to: 1. The Assistant Engineer, SDII, WDVIII, WRD, Thivim-Bardez – Goa.

2. Copy Submitted to The Superintending Engineer, CPO, WRD, Porvorim – Goa for kind information.

3. Copy Submitted to The Executive Engineer, W.D. VIII, WRD, Karaswada-Bardez – Goa

4. Q.C. Lab file    5. Bill File.

**Junior Engineer**

**Assistant Engineer**