

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

**Test Report No.:** WRD/Q.C./F.6-4/ Cement-T:- 1433/Lab/19/2023-24    **Dated:-**12/04/2023.    **Laboratory:** Bicholim-Goa  
**Sub Div:** V (QC)/WRD/Bicholim Goa.

**Sub:-** Construction of Raw Water Pumping Station at Amthane for Dumacem water treatment Plant and Industrial Estate at Latambarcem.

**Ref to requisition No:-** F.211/WRD/WDVI/SDI/07/2022-23    **Dated :-** 06/04/2023

**Qty. Received:** 1 bags each    **Date of Receipt:-** 06/04/2023    **Tested on:-** 10/04/2023.    **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

**Sample:** Cement    **O.S. NO:-** 610/SS.    **Lab. Sample No :-** 6778    **Tested by:-** Mrs. S. B. Naik Shirodkar J.E.

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

Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remarks
1.	<b>Cement:</b> Dalmia OPC 43 Grade Cement, bearing IS:269 Ordinary Portland cement, Manuf. date: W.M-Invisible, Y-2023 CM/L = 6200022577 Qty. rep. –.		i) Fineness of Cement ii) Consistency of cement iii) Initial Setting Time iv) Final Setting Time	:- 1.24%    ----- (It should not be more than 10%) :- 31.50%    (It should be in the neighborhood of 35%) :- 170 minutes    ---- (It should not be less than 30 minutes) :- 290 minutes    -- (It should not be more than 600 minutes)	
To be used for - <b>REMARK: The observed results are within the permissible limit for Ordinary Portland cement.</b>					

Copy to:1. The Assistant Engineer, SDI, WDVI, WRD, Bicholim– Goa.

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

3. Copy Submitted to The Executive Engineer, WDVI, WRD, Bicholim– Goa.

4. Q.C. Lab file    5. Bill File.

**Junior Engineer**

**Assistant Engineer**