



**An ISO 9001:2008 Company**

**Anjani Portland Cement Limited**

**( A Subsidiary of Chettinad Cement Corporation Limited )**

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| **Ordinary Portland Cement 53 Grade Test Certificate** |

**Ref.: APCL/QUAS/TEST/ W.No:07 Date of Despatch: 12.02.17**

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| **Particulars** | **Test Result** | **Requirement as per IS 12269 : 2013** |
| **CHEMICAL ( As per IS: 4032-1985)** |  |  |
| * **LOI ( % )** * **I.R. ( % )** * **SO3 ( % )** * **MgO ( % )** * **Chloride ( % )** * **L.S.F.** * **A/F** | **1.65**  **2.71**  **2.32**  **0.75**  **0.02**  **0.87**  **1.20** | **4.0 Max.**  **4.0 Max.**  **3.5 Max.**  **6.0 Max.**  **0.10 Max.**  **0.80 to 1.02**  **0.66 Min** |
| **PHYSICAL (As per IS: 4031-1988)** |  |  |
| * **Spec.Surface (M2/Kg)**   **SOUNDNESS:**   * **Le-Chatlier (mm)** * **Autoclave (%)**   **SETTING TIME (Minutes)**   * **Initial** * **Final**   **COMPRESSIVE STRENGTH (M Pa)**   * **3 Days** * **7 Days** * **28 Days** | **288**  **01**  **0.088**  **145**  **245**  **36.2**  **47.1**  **60.1** | **225 Min.**  **10 Max.**  **0.8 Max.**  **30 Min.**  **600 Min.**  **27 Min.**  **37 Min.**  **53 Min.** |
| **Certified that the cement complies**  **With IS 12269 : 2013**  **C:\Documents and Settings\anjanicements\Desktop\Scan0012.bmp**  **Manager (QUAS ) Vice President(Works)** | | |
| **Works : Anjanipuram, Gudimalkapuram(V), Mellacheruvu(M), Nalgonda (Dist), Telangana State – 508246**  **Head Office : # 6-3-553, Quena Square – 4th floor ,E3 & E4 ,Erramanzil , Somajiguda, , Hyderabad -500 082,Telangana,INDIA.** | | |