



ISO 9001 : 2008  
company

# Anjani Portland Cement Ltd

Anjani Cement Center, Plot No. 7 & 8 Nagarjuna Hills, Punjagutta, Hyderabad 500 082. AP

## 53 Grade Cement Test Certificate

Ref.: APCL / QC / TEST

Date of Dispatch:18/10/2010

Particulars	Test Result	Requirement. As Per IS 12269 : 1987
<b>Chemical</b> (As per IS : 4032-1985)		
<ul style="list-style-type: none"><li>LOI (%)</li><li>I. R (%)</li><li>SO<sub>3</sub> (%)</li></ul>	<ul style="list-style-type: none"><li>1.36</li><li>2.84</li><li>2.38</li></ul>	<ul style="list-style-type: none"><li>4.0Max</li><li>5.0Max</li><li>2.5% Max (When C<sub>3</sub>A &gt; 5%)</li><li>3.0% Max (When C<sub>3</sub>A &gt; 5%)</li></ul>
<ul style="list-style-type: none"><li>Mgo(%)</li><li>Chloride (%)</li><li>LSF</li><li>A/F</li></ul>	<ul style="list-style-type: none"><li>0.78</li><li>0.01</li><li>0.91</li><li>1.30</li></ul>	<ul style="list-style-type: none"><li>6.0Max</li><li>0.10Max</li><li>0.88 tol. 1.02</li><li>0.66Min</li></ul>
<b>Physical</b> (As per IS : 4031-1988)		
<ul style="list-style-type: none"><li>Spec surface (m<sup>2</sup>/ke)</li></ul>	<ul style="list-style-type: none"><li>340</li></ul>	<ul style="list-style-type: none"><li>225Min</li></ul>
<b>Soundness</b>		
<ul style="list-style-type: none"><li>Lechatlier (mm)</li><li>Autoclave (%)</li></ul>	<ul style="list-style-type: none"><li>Nil</li><li>0.01</li></ul>	<ul style="list-style-type: none"><li>10Max</li><li>0.8Max</li></ul>
<b>Setting Time (minutes)</b>		
<ul style="list-style-type: none"><li>Initial</li><li>Final</li></ul>	<ul style="list-style-type: none"><li>110</li><li>235</li></ul>	<ul style="list-style-type: none"><li>30Min</li><li>600Max</li></ul>
<b>Compressive Strength (M. pa)</b>		
<ul style="list-style-type: none"><li>3 days</li><li>7 days</li><li>28 days</li></ul>	<ul style="list-style-type: none"><li>41.8</li><li>52.5</li><li>57.9</li></ul>	<ul style="list-style-type: none"><li>27 Min</li><li>37 Min</li><li>53 Min</li></ul>

A.Mgr (Q.C)

Certified That The Cement Compiles  
With IS 12269 : 1987

G. M (Q. A)