TEST REPORT

CHEMICAL ANALYSIS OF MATERIALS USING X-RAY FLUORESCENCE

Dubai Central Laboratory

Engineering Materials Laboratory Section – Chemical Analysis Unit

Doc Ref. : F-EM-3030-3
Issue Date : 19/07/2009
Rev. No. : 1
Page : 1 of 1

REPORT NO. : 2010056343
DATE : 20/07/2010

WEB REQUEST NO. : -
REQUEST NO. : 2010041706
SAMPLE NO. : 2010053202
PROJECT NO. : PS-1214
PROJECT NAME : TESTING SERVICE FOR LECA BLDG MATERIAL LLC - DUBAI

CONSULTANT : NO SPECIFIC CONSULTANT
CONTRACTOR : NO SPECIFIC CONTRACTOR
LOCATION : LECA BLDG. MATERIAL LLC - DUBAI
SOURCE : LECA CO. - TEHRAN, IRAN
SAMPLE DESC. : LIGHT EXPANDED CLAY AGGREGATE

Date of Sampling : 05/07/2010
Time : -
Lot No. : NG
Date of Recv Sample : 12/07/2010
Time : 11:30
Lot Size : NG
Size of Sample : 5 kg
Sender No. : NG

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>AVERAGE CONTENT(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiO₂</td>
<td>61.58</td>
</tr>
<tr>
<td>Al₂O₃</td>
<td>16.99</td>
</tr>
<tr>
<td>Fe₂O₃</td>
<td>7.62</td>
</tr>
<tr>
<td>CaO</td>
<td>3.78</td>
</tr>
<tr>
<td>MgO</td>
<td>2.56</td>
</tr>
<tr>
<td>SO₃</td>
<td>0.19</td>
</tr>
<tr>
<td>TiO₂</td>
<td>0.80</td>
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<tr>
<td>MnO₂</td>
<td>0.10</td>
</tr>
<tr>
<td>Na₂O</td>
<td>1.03</td>
</tr>
<tr>
<td>K₂O</td>
<td>2.34</td>
</tr>
<tr>
<td>LOSS ON IGNITION</td>
<td>0.2</td>
</tr>
</tbody>
</table>

SAMPLED BY : HAMED (Manufacturer)
SAMPLES BROUGHT IN BY : HAMED (Manufacturer)
TESTED BY : NAZIR
TEST DATE : 15/07/2010

SAMPLING METHOD : NOT GIVEN
SAMPLING REPORT NO. : NG
TEST METHOD : BS EN 196 - 2 : 2005
TEST METHOD VARIATION : 1g OF THE IGNITED SAMPLE AT 1100°C & 9g OF LITHIUM TETRABORATE AND LITHIUM BORATE (66:34) AND 0.5g OF LANTHANUM OXIDE FLUX WAS USED.

MATERIAL TYPE : 
REMARKS :

VERIFIED BY
HEAD OF UNIT

This report is computer approved, it does not require any signature
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