

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

Rev. No. : 1

Issue Date : 19/07/2009

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

COMPONENT	AVERAGE CONTENT(%)
SiO ₂	61.58
Al ₂ O ₃	16.99
Fe ₂ O ₃	7.62
CaO	3.78
MgO	2.56
SO ₃	0.19
TiO ₂	0.80
MnO ₂	0.10
Na ₂ O	1.03
K ₂ O	2.34
LOSS ON IGNITION	0.2

SAMPLED BY : HAMED (Manufacturer)

TESTED BY : NAZIR

SAMPLES BROUGHT IN BY : HAMED (Manufacturer)

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 1100C & 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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