

# T.S.I. LABORATORIES, INC.



TRINITY SOIL INVESTIGATIONS  
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**Tested For:** Innovative Block of So.Tx. Ltd.

**Project:** 4" Split Face S1S  
 Split Face Mix Design  
 Part #744AXXXX  
 Mft. Date: 10-19-07

**Lab #:** 1107-14-5

**REMARKS:** On 11-2-07 (6) Concrete Masonry Units were tested. The units sampled were L-Shape 4"x8"x16" nominal. In accordance with ASTM C-140 test procedures. Three units were tested for compressive strength and three units were retained for additional testing if requested. The results are as follows:

<u>Block I.D.</u>	<u>Load (lbs)</u>	<u>Net Area (in<sup>2</sup>)</u>	<u>Compressive Strength (PSI)</u>	<u>Absorption (%)</u>	<u>Absorption (lbs - ft<sup>3</sup>)</u>
A	149,735	58.59	2,556	-----	-----
B	157,910	58.59	2,695	-----	-----
C	150,900	58.59	2,576	-----	-----
D	-----	-----	-----	3.54	4.22
E	-----	-----	-----	3.05	3.64
F	-----	-----	-----	1.39	1.68
Average of three (3):			2,609		3.18

### ASTM C-90 Requirements

Individual ..... 1700 Minimum  
 Average of (3) ..... 1900 Minimum 13.0 maximum

**Remarks:** The Concrete Masonry Units sampled did or did not meet the compressive requirements strength.



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