REPORT OF COMPRESSIVE STRENGTH TEST

KADERABEK COMPANY
9565 NW 40 STREET ROAD, MIAMI, FL 33178
TELEPHONE NO.: 305/666-3563       FAX NO.: 305/666-3069

PROJECT NO.: 10122
REPORT DATES: MARCH 4, 2010

PROJECT NAME: HAITI CMJ TESTING
CLIENT: HQ USSOUTHCOM-ENGINEERS
CONTRACTOR: NOT APPLICABLE
SAMPLE DESCRIPTION: CONCRETE MASONRY UNITS
DESCRIPTION AND LOCATION OF PLACEMENT: LOCATION OF SAMPLING NOT PROVIDED.

<table>
<thead>
<tr>
<th>DATE SAMPLED</th>
<th>SAMPLED BY</th>
<th>28-DAY STRENGTH(PSI)</th>
<th>NORMAL OR HIGH STRENGTH</th>
<th>CONCRETE SUPPLIER</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/23/10</td>
<td>UNKNOWN</td>
<td>UNKNOWN</td>
<td>NORMAL</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>02/23/10</td>
<td>UNKNOWN</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM C-140 FOLLOWED?</th>
<th>GENERAL ACCORDANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAB NUMBER</td>
<td>1</td>
</tr>
<tr>
<td>SAMPLE NO.</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TEST DATE</th>
<th>DATE CAST</th>
<th>AVERAGE WIDTH (INCHES)</th>
<th>AVERAGE HEIGHT (INCHES)</th>
<th>AVERAGE LENGTH (INCHES)</th>
<th>AVERAGE SHELL THICKNESS (INCHES)</th>
<th>AVERAGE WEB THICKNESS (INCHES)</th>
<th>MAX LOAD(LBS.)</th>
<th>NET CROSS SECTIONAL AREA (SQUARE IN.)</th>
<th>COMP STRENGTH(PSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C3/04/10</td>
<td>Unknown</td>
<td>5.72</td>
<td>7.77</td>
<td>15.72</td>
<td>1.20</td>
<td>1.14</td>
<td>49620</td>
<td>49.28</td>
<td>1010</td>
</tr>
<tr>
<td>03/04/10</td>
<td>Unknown</td>
<td>5.75</td>
<td>7.77</td>
<td>15.75</td>
<td>1.20</td>
<td>1.03</td>
<td>107050</td>
<td>48.66</td>
<td>2200</td>
</tr>
<tr>
<td>03/04/10</td>
<td>Unknown</td>
<td>5.70</td>
<td>7.73</td>
<td>15.75</td>
<td>1.19</td>
<td>1.04</td>
<td>62790</td>
<td>48.35</td>
<td>1300</td>
</tr>
<tr>
<td>03/04/10</td>
<td>Unknown</td>
<td>5.64</td>
<td>7.77</td>
<td>15.77</td>
<td>1.21</td>
<td>1.04</td>
<td>83220</td>
<td>48.67</td>
<td>1710</td>
</tr>
<tr>
<td>03/04/10</td>
<td>Unknown</td>
<td>5.76</td>
<td>7.77</td>
<td>15.77</td>
<td>1.17</td>
<td>1.07</td>
<td>82610</td>
<td>48.23</td>
<td>1710</td>
</tr>
<tr>
<td>03/04/10</td>
<td>Unknown</td>
<td>5.70</td>
<td>7.77</td>
<td>15.78</td>
<td>1.05</td>
<td>0.89</td>
<td>82380</td>
<td>43.40</td>
<td>1900</td>
</tr>
</tbody>
</table>

REMARKS: FILL CELL MATERIAL CHIPPED OUT OF BLOCK AREAS AT THE REQUEST OF CLIENT PRIOR TO COMPRESSIVE STRENGTH TESTING. THE DATE SAMPLED IS THE DATE THE MATERIALS WERE PROVIDED TO KACO.

RESPECTFULLY SUBMITTED: ERIC J. STERN, P.E.
# REPORT OF COMPRESSIVE STRENGTH TEST

**KADERABEK COMPANY**  
9565 NW 40 STREET ROAD, MIAMI, FL 33178  
TELEPHONE NO.: 305/666-3563   FAX NO.: 305/666-3069

**PROJECT NAME:** HAITI CMJ TESTING  
**PROJECT NO.:** 10122  
**CLIENT:** HQ USSOUTHCOM-ENGINEERS  
**REPORT DATES:** MARCH 4, 2010  
**CONTRACTOR:** NOT APPLICABLE  
**SET NO.:** 1  
**LAB NO.:** 1  
**SAMPLE DESCRIPTION:** CONCRETE MASONRY UNITS  
**DESCRIPTION AND LOCATION OF PLACEMENT:** LOCATION OF SAMPLING NOT PROVIDED

<table>
<thead>
<tr>
<th>DATE SAMPLED:</th>
<th>02/23/10</th>
<th>28-DAY STRENGTH(PSI):</th>
<th>UNKNOWN</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLED BY:</td>
<td>UNKNOWN</td>
<td>NORMAL OR HIGH STRENGTH:</td>
<td>NORMAL</td>
</tr>
<tr>
<td>DATE SAMPLES IN LAB?:</td>
<td>02/23/10</td>
<td>CONCRETE SUPPLIER:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>ASTM C-140 FOLLOWED?:</td>
<td>GENERAL ACCORDANCE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LAB NUMBER</th>
<th>1</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE NO.</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>TEST DATE</td>
<td>C3/04/10</td>
<td>03/04/10</td>
</tr>
<tr>
<td>DATE CAST</td>
<td>Unknown</td>
<td>Unknown</td>
</tr>
<tr>
<td>AVERAGE WIDTH (INCHES)</td>
<td>5.72</td>
<td>5.72</td>
</tr>
<tr>
<td>AVERAGE HEIGHT (INCHES)</td>
<td>7.77</td>
<td>7.70</td>
</tr>
<tr>
<td>AVERAGE LENGTH (INCHES)</td>
<td>15.78</td>
<td>15.78</td>
</tr>
<tr>
<td>AVERAGE SHELL THICKNESS (INCHES)</td>
<td>1.09</td>
<td>0.95</td>
</tr>
<tr>
<td>AVERAGE WEB THICKNESS (INCHES)</td>
<td>1.18</td>
<td>1.08</td>
</tr>
<tr>
<td>MAX LOAD(LBS.)</td>
<td>79510</td>
<td>73030</td>
</tr>
<tr>
<td>NET CROSS SECTIONAL AREA (SQUARE IN.)</td>
<td>45.13</td>
<td>48.3</td>
</tr>
<tr>
<td>COMP STRENGTH(PSI)</td>
<td>1760</td>
<td>1510</td>
</tr>
</tbody>
</table>

**REMARKS:** FILL CELL MATERIAL CHIPPED OUT OF BLOCK AREAS AT THE REQUEST OF CLIENT PRIOR TO COMPRESSIVE STRENGTH TESTING. THE DATE SAMPLED IS THE DATE THE MATERIALS WERE PROVIDED TO KACO.

**RESPECTFULLY SUBMITTED:**  
ERIC J. STERN, P.E.
Block #2
BLOCK

#3

W
Block #4
Block #4
Block

#5
Block 6
Block 2
#7 Block
8# Block