NATIONAL
CONCRETE MASONRY
ASSOCIATION
Sustainable Concrete Products for Structures and Hardscapes

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April 9, 2007

Gus Lorber
Allied Concrete
1000 Harris St Box 1647
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Please find enclosed a copy of a test report that we performed at your request on the following product that you supplied:

4" Double Corner
Concrete Masonry Unit
NCMA Job Number: 07-270-1

We are pleased to report that the tested properties from this report comply with the applicable requirements of ASTM C 90-06, Standard Specification for Loadbearing Concrete Masonry Units.

The attached report includes the tested compressive strength of the concrete masonry unit. The compressive strength of masonry constructed using these units can be calculated using the Unit Strength Method as outlined in Section 1.4.B.2.b of Specifications for Masonry Structures (ACI 530.1-05 / ASCE 6-05 / TMS 602-05). In accordance with this method, the compressive strength of masonry is a function of unit strength and mortar type. As shown in the attached test report...

Net Area Compressive Strength of
4" Double Corner 2290 psi
Concrete Masonry Unit

Therefore, the net area compressive strength of masonry when these units are used, can be considered to be the following:

When used with:	Net Area Compressive Strength of Masonry
Type M or S mortar	1720 psi
Type N mortar	1580 psi

The values provided above can be compared directly to the specified compressive strength of masonry, f'_m. If these values exceed f'_m, compliance has been documented.

Sincerely,

Jeffrey S. Stein, P.E.
Manager, Research and Development Laboratory