

Hughes Engineering

Consulting Engineers

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Parker Block
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Gentlemen:

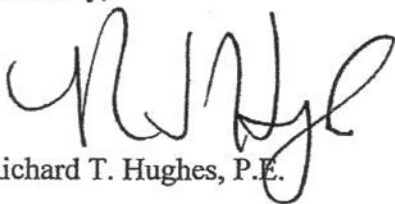
This letter is to certify that the lintels as shown in the 4 x 8 and 6 x 8 load tables manufactured by Parker Block comply with the latest steel standards as specified by ASTM 615 for 60,000 psi reinforcement. The masonry mix has been tested in accordance with ASTM C109 and has a compressive strength in excess of 3,000 psi.

Furthermore, the methods of design and the calculated capacities of the lintels as shown in the load tables used the ACI 318-05 section 9.1 Ultimate Design method, the building code requirements for masonry ACI 530/ASCE 5-88 and conform to the latest NCMA TEK-17.2-2002 specifications. The loads developed for use in the design of the lintel is also in compliance with the UBC Code. In all lengths of lintels, bond, flexure and shear values were calculated and studied to ensure the proper governing load values are shown in the tables. In all instances of lintels (up to 12 ft in length) as a minimum the members carry the apex area of hollow masonry block above the span unless otherwise noted. A 1.4 dead load factor was used in the design of the members for both self-weight and allowable loads as expressed in the tables.

Parker Block Company lintels also carry a 1-½ hour UL fire rating when the lintels are restrained. I would like to certify the structural integrity of this product as long as it is used within the standard industry application.

Please do not hesitate to call if you have any questions or require additional information.

Sincerely,



Richard T. Hughes, P.E.

