APPLIED MATERIALS & ENGINEERING, INC.
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February 24th, 2015

Mr. Bryan Espiritu
QUICKMOUNT PV
2700 Mitchell Dr., Bldg. 2
Walnut Creek, CA 94598

Project Number 114490C

Subject: QMHLS with 6061 T6 Base Plate

Dear Mr. Espiritu:

As requested, Applied Materials & Engineering, Inc. (AME) has completed six tests to determine compressive load capacity of QMHLS. Samples were tested using a United Universal testing machine at a constant rate of axial deformation of 0.09 in. /min. without shock until the hook was bent and came in contact with the test board. Compression test results of the QMHLS attached to a 2"x4" Douglas Fir rafter using two 5/16"ø x 3.5" lag bolts were determined to be as follows:

Test #	Maximum Load at Failure (lbf)	Deflection at Failure (in.)	Load at 0.625" of Deflection (lbf)
#1	710	2.18	315
#2	670	2.10	295
#3	720	2.28	335
#4	690	2.30	338
#5	660	1.92	319
#6	650	1.97	297
Average	**683**	**2.13**	**317**

Note: The specific gravity and moisture content of the rafters was tested in accordance with ASTM D2395, Method A (oven-dry). The average specific gravity and moisture content was determined to be 0.459 and 7.5 %, respectively.

If you have any questions regarding the above, please do not hesitate to call the undersigned.

Respectfully Submitted,

APPLIED MATERIALS & ENGINEERING, INC.

Armen Tajirian, Ph.D., P.E.
Principal

REGISTERED PROFESSIONAL ENGINEER
ARMEN TAJIRIAN
No. 35535
Exp. 9/30/15
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