



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: QMHSS 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 QMHSS. 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 QMHSS attached to a 2"x4" Douglas Fir rafter using two 5/16"Ø x 3.5" lag bolts were determined to be as follows:

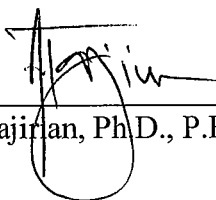
Test #	Maximum Load at Failure (lbf)	Deflection at Failure (in.)	Load at 0.625" of Deflection (lbf)
#1	700	2.07	347
#2	780	2.04	350
#3	780	2.19	363
#4	780	2.28	318
#5	765	1.95	325
#6	789	2.07	332
Average	765	2.10	339

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 0.502 and 9.2 %, 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

