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2/13/2015

1 of 1

Laboratory Testing Report

Report # 15011

Date:

Page:

Project Information

Client: Bainbridge Manufacturing

Client Address: 237 West 3rd St.

Waterville, WA 98858

Client PO: 5938

Test Information

Sample Description: Shelf rests, part #3220

Specification: ANSI/BHMA A156, Section 4.8.2, Test 7

Test Date: 2/13/15

Results

ANSI/BHMA A156 Section 4.8.2, Test 7, Grade 1

Test Description

Evaluate the ability of installed shelf rests to withstand a static load of 500 lbf., and an impact load of 20 in-lb. Testing was performed using a shelf of dimensions 0.75" X 8" X 24".

Normally, grade 1 conditions are applied to shelf rests anchored in standards (slotted rails), and grade 3 conditions are applied to shelf rests inserted into pre-drilled holes. This test was a modified BHMA A156 Section 4.8.2 test, with grade 1 conditions applied to pin-insertion shelf rests, representing a stricter acceptance criterion.

Acceptance Level

There shall be no collapse of any of the four shelf rests supporting the load.

Results

Pass



Certified by:

Mattea Brown, EIT Mechanical Engineer

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