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BHMA STANDARDS CHANGE PROPOSAL - #2

Standard: A156.5

Name: Earl Delph

Date: 12/7/18

Company: Allegion

Graphics/ Tables sent separately (Yes –No- N/A): No

1. Sections/Tables/Figures Proposed for Revision (e.g. Section 1.2 or 1.2.2.);

Paragraph 6.6.2

2. Revise as follows: Add New Text and Diagram

6.6.2 Cylinder Body or Housing Torque Test Applies to mortise, rim, and interchangeable core housings for mortise and rim cylinders. Install in a certified lockset of the same grade. Align the plug indent on the 5.4.4 Torque Applicator over the top of the cylinder plug and begin drilling three holes into the body/housing using the torque applicator as a guide. One HSS drill bit is used to drill all three holes in the cylinder front. Drop the torque fixture pin in each of the three holes as you are drilling the cylinder (1/4" pins can be used for the test instead of the specified 1/8" pin). Apply specified torque rapidly in both directions without stopping, using a suitable device that transfers the force to the centerline of the cylinder assembly and does not weaken the cylinder using 5.4.4 Torque Applicator. Failure results if the cylinder is removable or the latchbolt is withdrawn, by hand or with the aid of commercially available screwdriver with a blade not exceeding 6 in. (150 mm) in length or 10 in. (250 mm) overall length for five minutes duration maximum. Also, test the bolt by hand for end pressure resistance to assure that it is deadlocked or dead latched. Exception: this test is not applicable if unable to drill to the ¼ inch depth. Cylinders which meet 6.6.2 due to the drilling exception above shall be designated with a Suffix "D" (See Paragraph 4 Explanation of Type Numbers). Requirements Minimum Grade 1 Grade 2 Grade 3 120 lbf-ft (160 Nm) 80 lbf-ft (110 Nm) 40 lbf-ft (50 Nm)

3. Reason/ Supporting Information: To clarify the standard and existing process being used by test lab.