

CERTIFICATE OF COMPLIANCE

Certificate Number 20151020-R27043
Report Reference R27043-20151016
Issue Date 2015-OCTOBER-20

Issued to: HANCHETT ENTRY SYSTEMS INC
Suite 102
10027 S 51st St
Phoenix AZ 85044

**This is to certify that
representative samples of** LATCHING HARDWARE
Series 9700 electric strike

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: Please see addendum
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Standards:

ASTM E330 Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls

ASTM E1886 Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials

ASTM E1996 Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes

ICC 500 Standard for the Design and Construction of Storm Shelters

TAS 201-94 Impact Test Procedures

TAS 202-94 Criteria for Testing Impact & Non-Impact Resistant Building Envelope Components Using Uniform Static Air Pressure

TAS 203-94 Criteria for Testing Products Subject to Cyclic Wind Pressure Loading

ANSI A250.13 Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies

AAMA 1304-02 Voluntary Specifications for Forced Entry Resistance of Side-Hinged Door Systems



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File R27043
Project 4786922577

October 16, 2015

REPORT

On

LATCHING HARDWARE
(ZHEM)

Under The

CLASSIFICATION PROGRAM

Applicant: Hanchett Entry Systems Inc
Phoenix, AZ

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DESCRIPTION:

The products covered under this report are electric strikes and are Classified as to windstorm ratings.

TABLE OF CONTENTS:

TEST RECORD NO. 1

Windstorm Testing of the Series 9700 Electric Strike

TEST RECORD NO. 1

Test results relate only to items tested as covered in this test record and data supplements. The data supplement(s) shall be deemed to satisfy the report requirements of the Standard(s) covered here within. The evaluation herein was conducted under Project 4786922577.

TEST SAMPLES:

The objective of this investigation was to evaluate the Series 9700 electric strike for use with rim type exit devices, with a design pressure of 70 psf.

Testing of the construction configuration as indicated under the "Tested Element" column was found to be representative of following configurations as indicated in the table below.

Tested Element:	Extended Elements:
Standard Pair (with mullion)	Single Swing
Yale Model 17150 (F) WS Rim Exit Device	Corbin Russwin Model ED5200S (A) xM170
Model 9700	Models 9700-LBM and 9700-LBSM

TESTS:

Test Name	Standard	Representative Standard(s)
Impact	ANSI A250.13	-
Static Pressure	ASTM E330, TAS 202-94	-
Forced Entry	AAMA 1304-02	-
Impact	ASTM E1886, ASTM E1996, TAS 201-94	-
Cyclic Pressure	ASTM E1886, ASTM E1996, TAS 203-94	-

TEST RECORD SUMMARY:

The results of this investigation, including construction review and testing, indicate that the products evaluated comply with the applicable requirements in the standards noted below and, therefore, such products are judged eligible to bear UL's Mark as described on the Conclusion Page of this Report.

Standard	Title	Edition or Publication Date	Revision Date
ASTM E330	Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls	-	2002
ASTM E1886	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	-	2005
ASTM E1996	Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes	-	2009
ICC 500	Standard for the Design and Construction of Storm Shelters	First	2008
TAS 201-94	Impact Test Procedures	-	1994
TAS 202-94	Criteria for Testing Impact & Non-Impact Resistant Building Envelope Components Using Uniform Static Air Pressure	-	1994
TAS 203-94	Criteria for Testing Products Subject to Cyclic Wind Pressure Loading	-	1994
ANSI A250.13	Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies	-	2008
AAMA 1304-02	Voluntary Specifications for Forced Entry Resistance of Side-Hinged Door Systems	-	2002

Based on the compliant results, the Series 9700 electric strike, provided with the Yale Model 7150(F)WS or Corbin Russwin Model ED5200S(A)xM170 UL Certified rim type exit device, was found to be suitable for certification for ratings as specified in the table below. The UL Follow-Up Service Procedure File R27043 Volume 1, Section 3 will be promulgated, accordingly.

Configuration	Max Door Size (ft-in.)	Stiffness Class (min)	Max Design Pressure (psf)	Max Impact Energy Resistance (ft-lbs)	Latch Throw Min (in.)	Max Latch Design Force (lbf)
Pair out-swing	8 ft - 0 in. by 8 ft - 0 in.	I	70	350	3/4	1120
Single out-swing	4 ft - 0 in. by 8 ft - 0 in.					560

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INDEX OF ILLUSTRATIONS:

Description	Reference
Data Supplement	DS1
Exterior Side of Assembly	1
Interior Side of Assembly	2

CONCLUSION:

Samples of the products covered by this Report have been found to comply with the requirements covering the category and the products are found to comply with UL's applicable requirements. The description and test result in this Report are only applicable to the sample(s) investigated by UL and does not signify UL certification or that the product(s) described are covered under UL's Follow-Up Service Program. When covered under UL's Follow-Up Service Program, the manufacturer is authorized to use the UL Classification Mark on such products which comply with UL's Follow-Up Service Procedure and any other application requirements of UL LLC. The Classification Mark of UL LLC on the product, or the UL symbol on the product and the Classification Mark on the smallest unit container in which the product is packaged, is the only method to identify products investigated by UL to published requirements and manufactured under UL's Classification and Follow-Up Service.

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