

CERTIFICATE OF COMPLIANCE

Certificate Number 20131029-EX2452
Report Reference EX2452-20130830
Issue Date 2013-OCTOBER-29

Issued to: ERICO INTERNATIONAL CORPORATION
34600 SOLON RD
SOLON OH 44139


**This is to certify that
representative samples of** HANGERS, PIPE
See Addendum Page

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

Standard(s) for Safety: UL 203 & ULC/ORD C203, Pipe Hanger Equipment for
Fire Protection Service

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as
being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US
and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and
"US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL;
and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carney, Director, North American Certification Programs
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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.

Band Hangers

Model	Hanger Type	Rod Size, in.		Pipe Size, in.	Comment
		in.	mm		
115	Band Hanger	3/8	-	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	EG, HD, FL
115	Band Hanger	1/2	-	5, 6, 8	EG, HD, FL
115M	Band Hanger	-	10	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	EG, HD, FL
115M	Band Hanger	-	12	5, 6, 8	EG, HD, FL
115N	Band Hanger	3/8	10	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	EG, HD, FL
115N	Band Hanger	1/2	12	5, 6, 8	EG, HD, FL
FCN +	Band Hanger	3/8	-	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	EG, HD
FCN +	Band Hanger	1/2	-	5, 6, 8	EG, HD

+See Construction Details
 EG – indicates electro-galvanized
 HD – indicates hot-dipped
 FL – indicates felt lined



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CERTIFICATE OF COMPLIANCE

Certificate Number 20140326-EX2452
Report Reference EX2452-20070223
Issue Date 2014-MARCH-26

Issued to: ERICO INTERNATIONAL CORPORATION
34600 SOLON RD
SOLON OH 44139

**This is to certify that
representative samples of**


HANGERS, PIPE
Standard Pipe Hanger, Types: 510 Riser Clamp, 512 Riser
Clamp, 329 Side Beam Bracket, 401 Clevis, 401 Clevis,
401 Clevis, 401 Clevis. 420 Clevis, 420 Clevis, 420 Clevis,
420 Clevis

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

Standard(s) for Safety: UL 203 - Pipe Hanger Equipment for Fire Protection Service
ULC/ORD C203 - Pipe Hanger Equipment for Fire
Protection Service

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

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and Canada.

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"US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL;
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CERTIFICATE OF COMPLIANCE

Certificate Number 20170323- EX2452
Report Reference EX2452-20050125
Issue Date 2017-MARCH-23

Issued to: ERICO INTERNATIONAL CORPORATION
34600 SOLON RD
SOLON, OH 44139-2631 USA

This is to certify that representative samples of HANGERS, PIPE
(See addendum pages for model information.)


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

Standard(s) for Safety: ANSI/UL 203, "Pipe Hanger Equipment for Fire Protection Service" and ULC/ORD-C203, "Pipe Hanger Equipment for Fire Protection Service."

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.

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CERTIFICATE OF COMPLIANCE

Certificate Number 20170323- EX2452
Report Reference EX2452-20050125
Issue Date 2017-MARCH-23

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

Addendum page:

Model Designation	Hanger Type	Rod Size	Nominal Pipe Size	Comments
401H	Clevis Hanger	1/2 in.	2-1/2, 3, 3-1/2	EG
401H	Clevis Hanger	5/8 in.	4, 5	EG
401H	Clevis Hanger	3/4 in.	6, 8	EG
410	Clevis Hanger	3/8 in.	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	CG, EG, FL, HD, RO
410	Clevis Hanger	1/2 in.	5, 6, 8	CG, EG, FL, HD, RO
421	Clevis Hanger	1/2 in.	2-1/2, 3, 3-1/2	EG
421	Clevis Hanger	5/8 in.	4, 5	EG
421	Clevis Hanger	3/4 in.	6, 8	EG
427	Clevis Hanger	3/8 in.	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	EG
427	Clevis Hanger	1/2 in.	2-1/2, 3	EG
427	Clevis Hanger	5/8 in.	4, 5	EG
427	Clevis Hanger	3/4 in.	6, 8	EG



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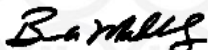
CERTIFICATE OF COMPLIANCE

Certificate Number 20170323- EX2452
Report Reference EX2452-20050125
Issue Date 2017-MARCH-23

Addendum page (Cont.):

Model Designation	Hanger Type	Rod Size	Nominal Pipe Size	Comments
DH	Band Hanger	3/8	1, 1-1/4, 1-1/2, 2	—
DH	Band Hanger	10 mm.	1, 1-1/4, 1-1/2, 2	—
SR6	Surge Device	10 mm	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	To be utilized with Model 115 Band Hanger
SR6	Surge Device	3/8 in.	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	To be utilized with Model 115 Band Hanger
SR	Surge Device	3/8 in.	1, 1-1/4, 1-1/2, 2	To be utilized with Model DH Band Hanger
SR	Surge Device	10 mm.	1, 1-1/4, 1-1/2, 2	To be utilized with Model DH Band Hanger

Note - All part numbers may be followed by Rxx, where xx is a number designating package quantity. In model comment, where CG - indicates zinc coated; EG - indicates electro-galvanized; EP - indicates epoxy coated EG; FL - indicates felt-lined over EG; HD - indicates hot-dipped; PL - indicates plain finish; RO - indicates red oxide over EG; SS - indicates stainless steel.



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CERTIFICATE OF COMPLIANCE

Certificate Number 20170901-EX2452
Report Reference EX2452-20170830
Issue Date 2017-SEPTEMBER-01

Issued to: ERICO INTERNATIONAL CORPORATION
34600 SOLON RD
SOLON OH 44139

This is to certify that representative samples of HANGERS, PIPE
Refer Addendum Page For Models/Product

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

Standard(s) for Safety: UL 203 and ULC/ORD C203 - Standards for Pipe Hanger Equipment for Fire Protection Service.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

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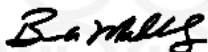
CERTIFICATE OF COMPLIANCE

Certificate Number 20170901-EX2452
Report Reference EX2452-20170830
Issue Date 2017-SEPTEMBER-01

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

Model	Hanger Type	Rod Size, in.	NPS+	Comment
RS	Retaining Strap	n/a	n/a	For use with C-Clamps and Beam Clamps

+NPS – Nominal Pipe Size



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CERTIFICATE OF COMPLIANCE

Certificate Number 20190406-EX2452
Report Reference EX2452-20190329
Issue Date 2019-April-06

Issued to: ERICO INTERNATIONAL CORPORATION
34600 SOLON RD
SOLON OH 44139-2631

This certificate confirms that representative samples of HANGERS, PIPE
Band hanger Model 100T

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

Standard(s) for Safety: UL 203, ULC/ORD C203, Pipe Hanger Equipment for Fire Protection Service

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

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CERTIFICATE OF COMPLIANCE

Certificate Number EX2452
Report Reference EX2452-20100628
Issue Date 2019-DECEMBER-20

Issued to: ERICO INTERNATIONAL CORPORATION
34600 SOLON RD
SOLON OH 44139-2631

This certificate confirms that representative samples of HANGERS, PIPE
Refer to Addendum page for models

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

Standard(s) for Safety: UL 203 - Pipe Hanger Equipment for Fire Protection Service
ULC/ ORD C203 - Pipe Hanger Equipment for Fire Protection Service

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

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CERTIFICATE OF COMPLIANCE

Certificate Number EX2452
Report Reference EX2452-20100628
Issue Date 2019-DECEMBER-20

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

MODELS

USL, CNL Universal Beam Clamps

Model No.	Rod Size		Maximum Pipe Size, in.	Comments
	in.	mm		
280	3/8	-	Up to 4	EG, HD, PL; Set Screw Size, 3/8-16UNC in.
280	1/2	-	Up to 8	EG, HD, PL; Set Screw Size, 1/2-13UNC in.
290	3/8	-	Up to 4	EG, HD, PL; Set Screw Size, 3/8-16UNC in.
290	1/2	-	Up to 8	EG, HD, PL; Set Screw Size, 1/2-13UNC in.
300	3/8	M10	Up to 4	EG, PL; Set Screw Size, 3/8-16UNC in.
300	1/2	M12	Up to 8	EG, PL; Set Screw Size, 7/16-14UNC in.
300+	-	M16	Up to 8	EG, PL
300+	5/8	-	Up to 10	EG, PL
300	5/8	-	Up to 10	EG, PL; Set Screw Size, 7/16-14UNC in.
300	3/4	-	Up to 10	EG, PL; Set Screw Size, 7/16-14UNC in.
300	7/8	-	Up to 12	EG, PL; Set Screw Size, 7/16-14UNC in.
310	3/8	M10	Up to 4	EG, PL; Set Screw Size, 3/8-16UNC in.
310	1/2	M12	Up to 8	EG, PL; Set Screw Size, 1/2-13UNC in.

NPS = Nominal pipe size
 CG – indicates zinc coated
 EG – indicates electro-galvanized
 EP – indicates epoxy coated EG
 FL – indicates felt-lined over EG
 HD – indicates hot-dipped
 PL – indicates plain finish
 RO – indicates red oxide over EG
 SS indicates stainless steel



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CERTIFICATE OF COMPLIANCE

Certificate Number EX2452
Report Reference EX2452-20191218
Issue Date 2019-DECEMBER-20

Issued to: ERICO INTERNATIONAL CORPORATION
34600 SOLON RD
SOLON OH 44139-2631

**This certificate confirms that
representative samples of** HANGERS, PIPE
Riser Clamp - EZR

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


Standard(s) for Safety: Standard for Pipe Hanger Equipment for Fire Protection
Service, UL 203
Pipe Hanger Equipment for Fire Protection Service,
ULC/ORD C203.

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

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CERTIFICATE OF COMPLIANCE

Certificate Number EX2452
Report Reference EX2452-2013-08-31
Date 2022-February-01

Issued to: ERICO INTERNATIONAL CORPORATION
34600 SOLON RD
SOLON OH, 44139-2631 US

This is to certify that representative samples of HANGERS, PIPE
See Addendum Page for Product Designation(s).

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

Standard(s) for Safety: UL 203, Pipe Hanger Equipment for Fire Protection Service
ULC/ORD C203, Pipe Hanger Equipment For Fire Protection Service

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

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CERTIFICATE OF COMPLIANCE

Certificate Number EX2452
Report Reference EX2452-2013-08-31
Date 2022-February-01

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

USL, CNL- HANGERS, PIPE – Model - SBC



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