

CERTIFICATE OF COMPLIANCE

Certificate Number 20190626-EX9141
Report Reference EX9141-20081108
Issue Date 2019-JUNE-26

Issued to: CRANE FLUID SYSTEMS
Crane House, Epsilon Terrace, West Rd
Ipswich, IP3 9FJ UNITED KINGDOM

**This certificate confirms that
representative samples of**

FITTINGS, CAST IRON, DUCTILE IRON, MALLEABLE
IRON AND BRONZE

See Addendum Page.

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


Standard(s) for Safety: BS EN 10242:1995, Threaded Pipefittings in malleable cast
iron

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

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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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.

USL – Malleable Iron Fittings. The fittings consist of the following models, types, sizes, and rated pressures.

Model No.	Fitting type	Type of Joint	Size, in.	Rated Pressure, psig (bar)
140	Hexagon Bush	Threaded	1/2x1/8, 1/2x1/4, 1/2x3/8, 3/4x1/4, 3/4x3/8, 3/4x1/2, 1x1/4, 1x3/8, 1x1/2, 1x3/4, 1.1/4x1/2, 1.1/4x3/4, 1.1/4x1, 1.1/2x1/2, 1.1/2x3/4, 1.1/2x1, 1.1/2x1.1/4, 2x1/2, 2x3/4, 2x1, 2x1.1/4, 2x1.1/2, 2.1/2x1, 2.1/2x1.1/4, 2.1/2x1.1/2, 2.1/2x2, 3x1, 3x1.1/4, 3x1.1/2, 3x2, 3x2.1/2, 4x2, 4x2.1/2, 4x3	362(25)
144	Hexagon Nipple	Threaded	1/2, 3/4	362 (25)
145	Hexagon Nipple	Threaded	1/2x1/4, 3/4x3/8, 3/4x1/2, 1x1/2, 1x3/4, 1.1/4x3/4, 1.1/4x1, 1.1/2x1, 1.1/2x1.1/4, 2x1, 2x1.1/4, 2x1.1/2, 2.1/2x2, 3x2, 3x2.1/2	362 (25)
146	Beaded Plug – Solid	Threaded	1/2, 3/4, 1, 1, 1/4, 1.1/2, 2	362 (25)
147	Plain Plug – Hollow	Threaded	1/2, 3/4, 1, 1, 1/4, 1.1/2, 2, 2.1/2, 3, 4	362 (25)
148	Plain Plug - Solid	Threaded	3/8, 1/2, 3/4, 1, 1, 1/4, 1.1/2, 2	362 (25)
149	Countersunk Plug	Threaded	1/2, 3/4, 1	362 (25)
150	Backnut	Threaded	3/8, 1/2, 3/4, 1, 1, 1/4, 1.1/2, 2, 2.1/2, 3	362 (25)
151	Elbow - Equal	Threaded	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1, 1/4, 1.1/2, 2, 2.1/2, 3, 4, 5, 6	362 (25)
151	Elbow – Reducing	Threaded	3/8x1/4, 1/2x3/8, 3/4x1/2, 1x1/2, 1x3/4, 1.1/4x3/4, 1.1/4x1, 1.1/2x1, 2x1.1/2,	362 (25)
152	M & F Elbow – Equal	Threaded	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1, 1/4, 1.1/2, 2, 2.1/2, 3, 4	362 (25)
152	M & F Elbow – Red	Threaded	3/4 x 1/2, 1 x 3/4	362 (25)
155	45 Degree Elbow	Threaded	1/2, 3/4, 1, 1, 1/4, 1.1/2, 2	362 (25)
156	45 Deg M & F Elbow	Threaded	3/8, 1/2, 3/4, 1, 1, 1/4, 1.1/2, 2	362 (25)
161	Tee – Equal	Threaded	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1, 1/4, 1.1/2, 2, 2.1/2, 3, 4, 5, 6	362 (25)
161	Tee Increasing on Branch	Threaded	1/2x3/4, 3/4x1, 1x1.1/4, 1x1.1/2, 1.1/4x2, 1.1/2x2,	362 (25)



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161	Tee – Reducing on Branch	Threaded	3/8x1/4, 1/2x1/4, 1/2x3/8, 3/4x1/4, 3/4x3/8, 3/4x1/2, 1x1/4, 1x3/8, 1x1/2, 1x3/4, 1.1/4x1/2, 1.1/4x3/4, 1.1/4x1, 1.1/2x1/2, 1.1/2x3/4, 1.1/2x1, 1.1/2x1.1/4, 2x1/2, 2x3/4, 2x1, 2x1.1/4, 2x1.1/, 2.1/2x1, 2.1/2x1.1/4, 2.1/2x1.1/2, 2.1/2x2, 3x1, 3x1.1/4, 3x1.1/2, 3x2, 3x2.1/2, 4x2, 4x3	362 (25)
161	Tee – Reducing on Run	Threaded	3/4x1/2x3/4, 1x1/2x1, 1x3/4x1, 1.1/4x1/2x1.1/4, 1.1/4x3/4x1.1/4, 1.1/4x1x1.1/4, 1.1/2x1/2x1.1/2, 1.1/2x3/4x1.1/2, 1.1/2x1x1.1/2, 2x3/4x2, 2x1x2, 2x1.1/2x2,	362 (25)
161	Tee – Reducing on Run and Branch	Threaded	1/2x3/3x3/8, 3/4x1/2x1/2, 1x3/4x1/2, 1x1/2x1/2, 1x3/4x3/4, 1.1/4x1x1/2, 1.1/4x1x3/4, 1.1/4x1x1, 1.1/2x1x1, 1.1/2x1.1/4x1/2, 1.1/2x1.1/4x1, 1.1/2x1.1/4x1.1/4, 2x1.1/2x3/4, 2x1.1/2x1, 2x1.1/2x1.1/4, 2x1.1/2x1.1/2	362 (25)
171	Cross	Threaded	3/8, 1/2, 3/4, 1, 1,1/4, 1.1/2, 2, 2.1/2,3, 4	362 (25)
177	Socket	Threaded	1/4, 3/8, 1/2, 3/4, 1, 1,1/4, 1.1/2, 2, 2.1/2,3, 4	362 (25)
179	Reducing socket	Threaded	3/8x1/4, 1/2x1/4, 1/2x3/8, 3/4x1/4, 3/4x3/8, 3/4x1/2, 1x1/2, 1x3/4, 1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 1-1/2x1-1/4, 2x1/2, 2x3/4, 2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3x2, 3x2-1/2, 4x2, 4x2-1/2, 4x3	362 (25)
185	Cap	Threaded	1/2, 3/4, 1, 1,1/4, 1.1/2, 2, 2.1/2,3, 4	362 (25)
192	M & F Short Bend	Threaded	1/4, 3/8, 1/2, 3/4, 1, 1,1/4, 1.1/2, 2,	362 (25)
193	Short Bend	Threaded	1/4, 3/8, 1/2, 3/4, 1, 1,1/4, 1.1/2, 2,	362 (25)
197	Twin Elbow	Threaded	1/2, 3/4, 1, 1,1/4, 1.1/2, 2	362 (25)
199	Pitcher Tee – Equal	Threaded	1/2, 3/4, 1, 1,1/4, 1.1/2, 2	362 (25)
199	Pitcher Tee – Reducing on Branch	Threaded	3/4x1/2, 1x1/2, 1x3/4, 1.1/4x1/2, 1.1/4x3/4, 1.1/4x1, 1.1/2x3/4, 1.1/2x1, 1.1/2x1.1/4, 2x1, 2x1.1/4, 2x1.1/2,	362 (25)
199	Pitcher Tee – Reducing on Run and Branch	Threaded	3/4 x 1/2 x 1/2, 1x3/4x1/2, 1x3/4x3/4	362 (25)



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199	Pitcher Tee – Reducing on Run	Threaded	3/4x1/2x3/4	362 (25)
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