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## Product Quality Alert

April 4, 2019

**Subject:** 3" 1502 Male x 3" Butt-Weld - Heat Code / MTR Issue

We have discovered that a typographical error was made during receipt of the base forgings that produce Kemper Valve Component Part #'s 150331 and 150341. A portion of these forgings were received into Inventory as heat code HE13 rather than HF13. This is a documentation error only, not a product material defect. As a result of the typographical error, male components (Part# 150331, 150341) were stamped with HE13 rather than the correct heat code HF13.

**Scope:** See below

Affected Component Part# - Description

- 150331 - FIG 1502 - 3" BW MALE X 3" SCH. 160
- 150341 - FIG 1502 - 3" BW MALE X 3" SCH. XXH

Affected Union Assembly Part#

- 150330 - FIG 1502 - 3" BW X 3" SCH. 160 - ASSEMBLY
- 150340 - FIG 1502 - 3" BW X 3" SCH. XXH – ASSEMBLY

**Risk:** None, Customers may have received incorrect material property data on the provided MTR.

The erroneous Heat Code HE13, is made from ASTM A105, 1020 steel. The correct heat code HF13, were produced from the proper 4130 steel and heat treated per Kemper Engineering Spec 250 as intended.

Correct MTR below:

ITEM – P/N, Description, Material, Heat Treat	HEAT CODE	QTY	HB	YIELD psi	TENSILE psi	EL%	RA%	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	Al	V
1 P/N: 150341 3 FIG1502 BW SCHXXH M Kemper ES-250, AISI 4130, Normalized, Quenched & Tempered @ 1140°F	HF13	30	283	86,100	117,100	18.0	62.7	0.31	0.52	0.007	0.024	0.27	0.14	1.02	0.17	0.26	0.031	0.004
			LONGITUDINAL CHARPY V-NOTCH IMPACT (ft-lbs) @ -22 ° F										46	41	48	Average 45.00		

Sincerely,

**Nickolas Gretz** - Product Service Engineer

*Nickolas Gretz*

**Avijit Khurana** – Quality Manager

*Avijit Khurana*