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Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

Issue

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
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1983/10/10	1	1	Cert of Compliance	
1983/10/10	1	1	Revised Description Page(s) 1	2017/12/20

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Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

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NBK File

UL INSPECTION CENTER 732

<u>Models</u>	<u>Section</u>	<u>Report Date</u>
<p>Malleable iron (ASTM A-197) unions of the nut type, metal-to-metal joint having one seat of bronze or copper, sizes 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, and 3 in. with rated working pressures of 175 and 300 psig. Dimensions according to ANSI B16.39.</p> <p>Model 340 Malleable iron (ABNT NBR-6590) straight unions, metal-to-metal tapered bronze seat, sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, and 3 inch, rated pressure 300 psig.</p>	1	1983-10-10

PRODUCT COVERED:

Malleable iron (ASTM A-197) unions of the nut type, metal-to-metal joint having one seat of bronze or copper, sizes 1/4, 3/8, **1/2**, **3/4**, 1, 1-1/4, 1-1/2, 2, 2-1/2, and 3 in. with rated working pressures of 175 and 300 psig. Dimensions according to ANSI B16.39.

Model 340 Malleable iron (ABNT NBR-6590) straight unions, metal-to-metal tapered bronze seat, sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, and 3 inch, rated pressure 300 psig.

GENERAL CHARACTER AND USE:

These unions are intended for use in pipe lines conveying water or hazardous liquids such as gasoline, kerosene, fuel oils, etc., where the working pressure does not exceed the values indicated in the foregoing.

CONSTRUCTION:

The model 340 is construction in accordance with the material requirements of NBR 6925 and ISO 5922 and the mechanical properties are as follows:

Minimum Tensile, MPa	Minimum Yield, MPa	Minimum Elongation, %
350	200	10

CERTIFICATE OF COMPLIANCE

Certificate Number 20171221-EX3608
Report Reference EX3608-19831010
Issue Date 2017-DECEMBER-21

Issued to: Tupy SA
Rua Albano Schmidt 3400
Joinville-SC
89227-901 BRAZIL

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

FITTINGS, UNION

Malleable iron (ASTM A-197) unions of the nut type, metal-to-metal joint having one seat of bronze or copper, sizes 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, and 3 in. with rated working pressures of 175 and 300 psig. Dimensions according to ANSI B16.39.

Model 340 Malleable iron (ABNT NBR-6590) straight unions, metal-to-metal tapered bronze seat, sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, and 3 inch, rated pressure 300 psig.

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

Standard(s) for Safety: UL 860, Pipe Unions for Flammable and Combustible Fluids and 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.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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