Mueller Streamline Co.
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April 17, 2012

Subject: "Lead-Free" Compliance - Copper Tube and Fittings

To Our Valued Customers,

Mueller Streamline Co. has long been a leader in providing copper tube and fittings for refrigerant-bearing applications in HVAC and refrigeration systems. The refrigerants used in these systems have evolved significantly since we developed and patented the braze/solder-type copper fitting back in 1930. While Streamline copper tube and fittings are proudly made in accordance with the applicable ASTM/ASME specifications, the evolution toward higher pressure refrigerants encouraged us to attain bolder thresholds.

To provide customers the highest level of assurance that our products will continue to meet the higher pressure demands of modern refrigerants like R410A and sub-critical CO_2, we have taken the additional step of expanding our already extensive testing procedures and implementing third-party verification through Underwriters Laboratories (UL).

Mueller Streamline Co. is now able to offer the only copper tube and fittings UL Recognized to 48 Bar (see table below). This recognition follows years of testing that includes hoop strain, cyclic fatigue, hydrostatic burst, thermal cycling, and more. The testing and third-party certification validates performance of these products to operating pressures of 48 Bar at 120°C. If you have any product questions, please contact your Mueller Streamline Co. sales representative.

COPPER SIZE/TYPE	OUTSIDE DIAMETER	WALL THICKNESS
Copper Tube	Streamline Refrigeration Service Coils	1/8" – 1-1/8"
Copper Tube	Streamline Line Sets & Mini-Splits	1/8" – 1-1/8"
Copper Tube	Streamline ACR - Type L (Hard Lengths)	1/8" – 1-3/8"
Copper Tube	Streamline ACR - Type K (Hard Lengths)	1/8" – 2-5/8"
Copper Fittings	Streamline Wrot Solder-Joint Pressure	1/8" – 2-5/8"

As new technologies and refrigerants emerge, Mueller Streamline Co. is committed to being a resource to our customers and ensuring that our products are safe and reliable. If you have any product questions please contact your local sales representative.