

RAILROAD COMMISSION OF TEXAS
Oversight and Safety Division
Alternative Fuels Safety Department



NOTICE TO OPERATORS

PEX-AL-PEX Piping Use in Indoor LPG Fuel Systems

The Railroad Commission of Texas (“RRC”) has not been provided with sufficient evidence demonstrating that PEX-AL-PEX pipe product meets the requirements of NFPA 54 for use in indoor liquefied petroleum gas (“LPG”) fuel systems, as incorporated into Chapter 9 of the RRC’s rules.¹ The RRC does **NOT** approve this product as an acceptable alternative material under NFPA 54 1.4² or 5.6.1.1³ to be used in the State of Texas for LPG indoor gas installation.

To date, the RRC has not received a request to adopt PEX-AL-PEX as an acceptable alternative for Aluminum Alloy Pipe complying with NFPA 54 5.6.2.5⁴ for LPG indoor gas installation.

If you have questions regarding this notice, please contact the RRC’s Alternative Fuels Safety Department at 512-463-6462 or via email at SafetyNoticeReply@rrc.texas.gov.

Please Forward to the Appropriate Section of Your Company

¹ 16 Tex. Admin. Code Rule §9.301.

² National Fire Protection Association, National Fuel Gas Code (2018) §1.4: “The provisions of this code are not intended to prevent the use of any material, method of construction, or installation procedure not specifically prescribed by this code, provided any such alternative is acceptable to the authority having jurisdiction. The authority having jurisdiction shall require that sufficient evidence be submitted to substantiate any claims made regarding the safety of such alternatives.”

³ National Fire Protection Association, National Fuel Gas Code (2018) §5.6.1.1: “Materials used for piping systems shall either comply with the requirements of this chapter or be acceptable to the authority having jurisdiction.”

⁴ National Fire Protection Association, National Fuel Gas Code (2018) §5.6.2.5: “Aluminum alloy pipe shall comply with ASTM B241, *Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube* (except that the use of alloy 5456 is prohibited), and shall be marked at each end of each length indicating compliance. Aluminum alloy pipe shall be coated to protect against external corrosion where it is contact with masonry, plaster, or insulation, or is subject to repeated wettings by such liquids as water, detergents, or sewage.