

NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

2005, July 26

Mr. Dennis VanderHoeven
Franklin Fueling Systems
3760 Marsh Rd.
Madison, WI 53718
United States

E-mail: vanderhoeven@franklinfueling.com

Reference: File **MH17457** Project 04NK22317

Products: USL/CNL – 1, 1-1/2, 1-3/4 and 2 in. Diameter XP-100-D, XP-150-D, XP-175-D and XP-200-D Primary Carrier, Vent and Vapor Recovery Pipe and Fittings and 1, 1-1/2, 1-3/4 and 2 in. Diameter XP-100-SC, XP-150-SC, XP-175-SC and XP-200-SC Integral Primary/Secondary, Vent and Vapor Recovery Pipe for Use With Motor Vehicle Fuels, Concentrated Fuels, High Blend Fuels and Aviation and Marine Fuels

Dear Mr. VanderHoeven:

UL's investigation of your products has been completed under the above project number and the subject products were determined to comply with the applicable requirements of UL971, Standard for Nonmetallic Underground Piping for Flammable Liquids, First Edition Dated October 30, 1995, with revisions dated January 2, 2004.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL/CUL Listing Mark only at the factory under UL's Follow-Up Service Program to the subject products, which are constructed similarly to those product submitted for this investigation. The subject products will be covered in the UL Follow-Up Services Procedure, File MH17457, Volume 1, Sections 4 and 5.

This authorization is effective from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent to the indicated manufacturing locations in the near future. Please note that Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document.

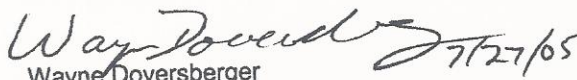
Products that bear the UL Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn.

Sincerely,



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Reviewed by:



Wayne Doversberger
Staff Engineer
Hazardous Locations, Gas & Oil





Franklin Fueling Systems

Date: June 5, 2006

Bulletin No.: B0606-01

To: FFS Global Sales Team

From: Jay Walsh

Subject: Pipe Update / E85

There is currently a significant amount of uncertainty and confusion surrounding the issue of flexible pipe compatibility with E85. This message is intended to provide the facts.

There are (5) test fluid categories in the current UL-971 Standard (see sidebar at bottom right).

According to UL, E85 doesn't fall under any one of these categories, but is rather a combination of Concentrated Fuels and High Blend Fuels. Therefore a manufacturer must be approved for both of these test fluid categories to be considered UL listed for E85.

Please inform our customers of these facts so they can make an informed decision on piping specifications, ensuring their selection is compatible, not only for today's requirements, but also for the rapid proliferation of bio-fuels like E85. A link to UL's current UL-971 listings is available at www.pei.org/ul971. Click on the company's name to view their detailed listing, and ensure all categories are covered: MV, CT, HB, A&M.

The following is FFS' approval for APT-XP double wall pipe for your reference.

Underground nonmetallic integral primary / secondary (PS) pipe for motor vehicle (MV), concentrated (CT), high blend (HB) and aviation & marine (A&M) fuels, Models XP-100-SC, XP-150-SC, XP-175-SC, XP-200-SC in sizes 1, 1-1/2, 1-3/4 and 2 in. diameter.

Please let me know if you have any questions, or if I can help.

Thanks,

Jay Walsh
VP, Marketing
Franklin Fueling Systems

Fluids Tested For Compatibility With APT XP-Pipe Under UL 971

External soil and environmental fluids

- * Ph 3.0 Sulfuric Acid
- * Saturated Sodium Chloride
- * Distilled Water
- * 1% Hydrochloric Acid
- * 1% Nitric Acid
- * Ph 10 Sodium Carbonate - Sodium Bicarbonate
- * Ph 12 Sodium Hydroxide

Motor Vehicle Fuels

- * 100% ASTM Reference Fuel #2
- * 100% ASTM Reference Fuel C
- * 85% Reference Fuel C - 15% MTBE
- * 85% Reference Fuel C - 15% Methanol
- * 70% Reference Fuel C - 30% Ethanol

Concentrated Fuels

- * 100% Methanol
- * 100% Ethanol
- * 100% Toluene

High Blend Fuels

- * 50% Reference Fuel C - 50% Methanol
- * 50% Reference Fuel C - 50% Ethanol

Aviation and Marine Fuels

- * 100% Premium Leaded Gas
- * 100% Kerosene



Marketing Bulletin

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- * Ph 3.0 Sulfuric Acid
- * Saturated Sodium Chloride
- * Distilled Water
- * 1% Hydrochloric Acid
- * 1% Nitric Acid
- * Ph 10 Sodium Carbonate - Sodium Bicarbonate
- * Ph 12 Sodium Hydroxide

Motor Vehicle Fuels

- * 100% ASTM Reference Fuel #2
- * 100% ASTM Reference Fuel C
- * 85% Reference Fuel C - 15% MTBE
- * 85% Reference Fuel C - 15% Methanol
- * 70% Reference Fuel C - 30% Ethanol

Concentrated Fuels

- * 100% Methanol
- * 100% Ethanol
- * 100% Toluene

High Blend Fuels

- * 50% Reference Fuel C - 50% Methanol
- * 50% Reference Fuel C - 50% Ethanol

Aviation and Marine Fuels

- * 100% Premium Leaded Gas
- * 100% Kerosene