



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

August 16, 2011

Mr. David Strick
National Sales Manager
OmegaFlex, Inc.
451 Creamery Way
Exton, Pennsylvania 19341-2509

Dear Mr. Strick:

SUBJECT: Request for Approval of the OmegaFlex, Inc., DoubleTrac II Double Wall Piping System (DoubleTrac II System) for Use as a Piping Component of Underground Storage Tank (UST) Systems in Michigan

This is in response to your May 24, 2011, letter to the Michigan Department of Environmental Quality (MDEQ) requesting approval of the Omega Flex, Inc., DoubleTrac II System for use as a piping component of UST systems in Michigan.

Based on review of the documentation provided for the DoubleTrac II System, your request for approval to use the DoubleTrac II System as components of UST systems in Michigan is hereby granted with the following conditions:

1. Only OmegaFlex, Inc., trained and certified installers are allowed to install piping that meets the requirements of the DoubleTrac II System. OmegaFlex, Inc., is required to submit to the MDEQ a list of certified installers who are authorized to install the DoubleTrac II System in Michigan. This is per Rule 9, Subsections 280.20(d) and (e) of the Michigan Underground Storage Tank Rules (MUSTR), which requires proper installation by qualified personnel.
2. All metallic fittings shall be provided with properly designed corrosion protection if they are installed to remain in contact with the soil. The only exception to this requirement is the termination fittings that are located within the sumps. This is per Rule 9, Subsection 280.20(b) of the MUSTR, which requires metallic piping in contact with the ground to have corrosion protection.
3. The MDEQ must receive plan review documentation specifying the DoubleTrac II System not less than 45 days prior to the anticipated installation date. This is per Rule 13, Subsection 280.22(b) of the MUSTR, which requires a notice and installation application 45 days prior to the proposed installation date.
4. All piping installations must be in complete compliance with the MUSTR and the Michigan Storage and Handling of Flammable and Combustible Liquids (FL/CL) Rules. This is per Rule 3, Subsection 280.10(j) of the MUSTR, which requires

compliance with R29.4103 to R29.4319 of the Michigan Administrative Code (FL/CL Rules).

5. OmegaFlex, Inc., is responsible for providing a copy of this approval letter to any prospective customer who intends to use the DoubleTrac II System for underground installation in a regulated storage tank system in Michigan. This will make purchasers and end users aware of the conditions under which installation of the DoubleTrac II System is approved under Rule 9, Subsection 280.20(b) of the MUSTR.

The MDEQ reserves the right to withdraw this approval or to disapprove any plans for the utilization of the OmegaFlex, Inc., DoubleTrac II System in Michigan if any of the above conditions of approval are not complied with, or if the utilization of the OmegaFlex, Inc., DoubleTrac II System results in any adverse impact on public health and the environment.

BASIS FOR DETERMINATION

The requirements for the design, construction, and installation of regulated UST systems are specified in Rule 9, Section 280.20 of MUSTR (R29.2109). The following two kinds of piping are considered to meet the requirements of the Rules:

- Fiberglass-reinforced plastic - see Section 280.20(b)(1)
- Cathodically protected steel - see Section 280.20(b)(2)

The DoubleTrac II System does not specifically meet either of the above requirements. Therefore, per Section 280.20(b)(4), MDEQ approval is required for its use in regulated UST systems in Michigan. This rule states that the MDEQ's approval must be based on a determination that the piping system "is designed to prevent the release or threatened release of any stored regulated substance in a manner that is at least as protective of human health and the environment as the protections specified in subdivisions (1) and (2)..." The documentation provided by OmegaFlex, Inc., includes a copy of the third-party evaluation of the DoubleTrac II System conducted by Underwriters Laboratories, Inc. (UL), for compliance with UL 971, Standard for Nonmetallic Underground Piping for Flammable and Combustible Liquids (UL 971 Standard). The third-party evaluation provides physical, mechanical, and chemical assessments of the piping system performance capability in terms of its compatibility with some of the most common petroleum products and blends that are expected to be stored in petroleum UST systems.

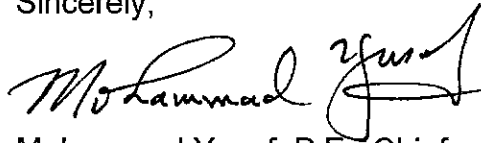
While the MDEQ considers the UL to be an approved, nationally-recognized, third-party evaluating laboratory, the UL 971 Standard is not adopted by the MUSTR and does not, by itself, ensure compliance with the equivalency requirements of the MUSTR. Therefore, the MDEQ conducted its own technical review of the third-party evaluation to determine whether the DoubleTrac II System will perform at least as well as FRP and cathodically-protected metal piping.

Delay in Response

We apologize for the delay in responding to your request. The file was, unfortunately, misplaced. We have taken measures to avoid this lapse in the future.

If you have any questions regarding this letter, please call Mr. Gary Simons, Chief, Storage Tanks & Contracts Unit, Program Support Section, Remediation Division, at 517-373-2811.

Sincerely,

A handwritten signature in black ink that reads "Mohammad Yusaf". The signature is written in a cursive style with a large, stylized initial "M".

Mohammad Yusaf, P.E., Chief
Program Support Section
Remediation Division
517-373-3135

cc: Mr. Gary Simons, MDEQ
Remediation Division District Supervisors, MDEQ
Remediation Division Hazardous Materials Storage Inspectors, MDEQ