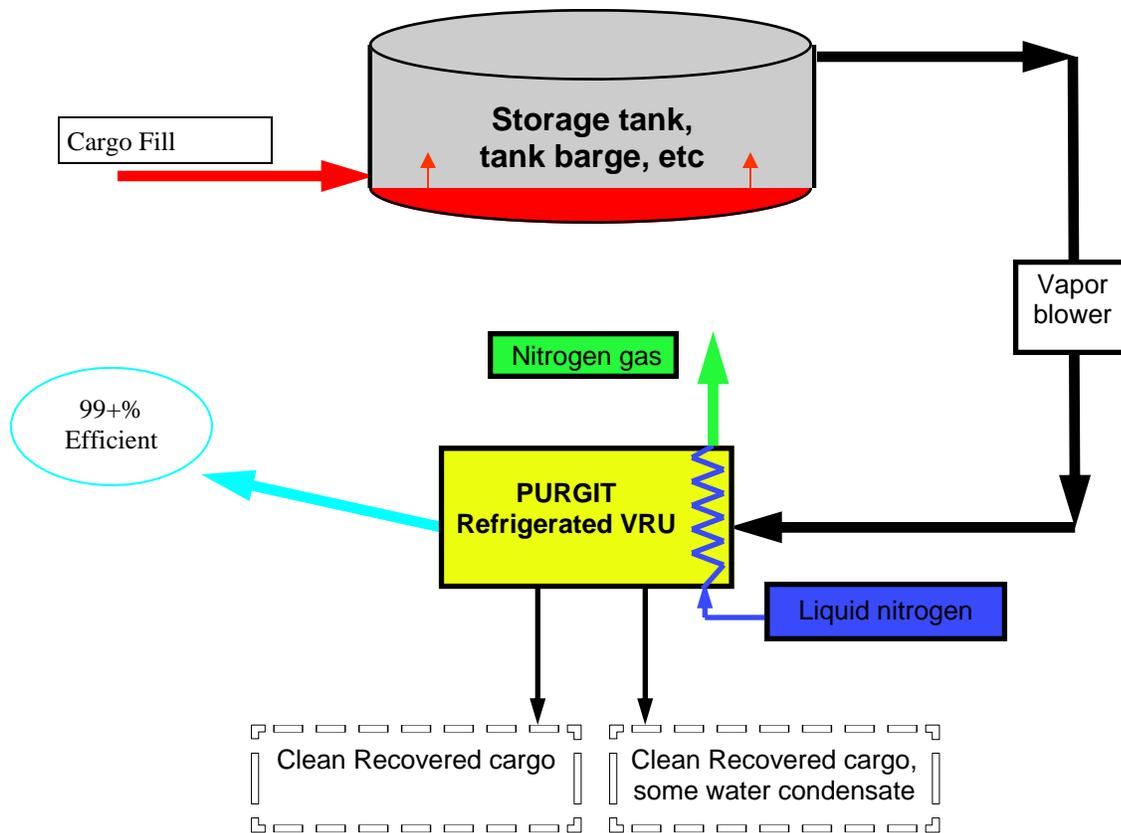




Vapor Recovery for Ship and Tank loading

Purgit designs and builds the most sophisticated refrigerated vapor control systems available today. As every loading application is different, Purgit's skid mounted units are always custom designed and professionally engineered to address the facility's needs and to meet or exceed state regulations.

PURGIT uses a proprietary system that condenses and recovers tank vapors rather than burning them in a combustor. This system draws the vapors out of the tank with a blower and then pushes them through a series of condensers. The VOC vapors are condensed back to their liquid phase and transferred to a holding tank or inserted right back into the cargo fill line. Depending on the application Purgit's condensers are capable of recovering over 99% of the VOC. With few moving parts and stainless steel construction, these units are designed to operate for many years with minimal service. Install a Purgit VRU on your dock or in your tank farm and realize the most cost efficient vapor control device on the market.



The PURGIT system is efficient, clean, and effective. PURGIT has been de-gassing tanks for years and has dealt with many different products. The system excels with chlorinated compounds like ethylene dichloride and dichloropropene as well as with typical hydrocarbons like gasoline and crude oil. The vapor flow rate, instrumentation, etc. is designed to meet the customers' application.

PURGIT is a registered trademark. Covered by one or more Hilliard Emission Controls Inc. U.S. Patents.

www.purgit.com

Controlling emissions from barges, rail cars, storage tanks since 1993.

3100 Edloe Street Ste 350 Houston TX 77027
713-201-7517
888-621-3132



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Patented



With a Purgit refrigerated VRU the following benefits are realized:

- 1. Safety** There is no flame in the PURGIT system, thereby increasing safety around tanks and ships. These VRUs can be installed in a hazardous area.
- 2. Zero NO_x** Since there is no combustion in the PURGIT process, CO₂, VOC, NO_x, CO and other by products of combustion are eliminated. The PURGIT system recovers instead of burning.
- 3. Low operating cost** Liquid nitrogen usage can be 20% cheaper than comparable combustion devices.
- 4. Chlorinated compounds** Chlorinated compounds are easily recovered with a refrigerated system. There is no combustion in the process and therefore no hazardous gases are produced.
- 5. Hydrocarbon VOCs** Using non-polluting nitrogen as the refrigerant, this system is capable of the very low temperatures necessary to condense a wide range of products.
- 6. Proven reliability** Purgit VRUs have been thoroughly tested in the field with a wide variety of products and have established a long track record of reliability and success.
- 7. Recovery** Condensers recover clean cargo for recycling. Let your recovered product pay for your Purgit VRU.

This system is superior to all combustion and carbon systems for refloating or loading storage tanks, railcars, barges and ships. If this type of vapor control equipment could be useful to you, call PURGIT in Houston, Texas at 713-201-7517.

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