

Testimonials

“ At our facility, we have chosen to keep our floating roof drains open due to unpredictable severe weather. Keeping the roof drains open leaves the facility vulnerable to a potential product release should a failure occur within the floating roof drain system. This roof drain monitoring system eliminates that vulnerability with a detection system that closes the roof drain valve should it detect any product. As terminal manager, I sleep better at night knowing that EnviroEYE is on the job 24 hours a day, 7 days a week.”

DAN SILVESTRO

Key West Pipeline Company Key West, Florida

“ During the past 27 years of owning and operating pipeline and terminal facilities, a solution was never found to the ongoing dilemma that open roof floating tanks present – do we keep the roof drain valve open or closed? I searched for answers at industry trade shows and publications, but with no luck. Together with colleagues we tackled the issue with success. We developed and put into operation a Floating Roof Drain Guard System that works, and it works well! It is boosting our operational efficiency, minimizing our risks, protecting our capital investment, and safeguarding the environment.”

MARK RAUCH

President, Pipeline & Terminal Management Corp.
Houston, Texas



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ATTENTION

Floating Roof Storage Tank Operators and Managers

Is your roof tank drain valve...
OPEN or CLOSED?



EnviroEYE

Floating Roof Drain Guard System

Answers the question!

EnviroEYE

Solves your operating dilemma...

Removal of rainwater accumulation from open top floating roofs on above ground storage tanks presents an operating concern that, to date, has had no viable solution.

Does your operation dictate the roof drain valve be left...

OPEN?

In cases of slight or torrential rains, all rainwater immediately drains from the roof through and out of your tank. However, if the internal roof drain line fails, the stored product drains through the failed line onto the ground, causing hazardous material discharge into the tank dike.

CLOSED?

In light or heavy rain conditions, it is essential that an operator immediately respond by manually opening the roof drain line. If excessive rainwater is allowed to accumulate on the roof, loss of buoyancy may occur, resulting in sinking of the roof, damage to the tank wall and release of stored product into the environment.

Both scenarios expose you to potential contamination, permit violations, media attention, tank failures and extended downtime.

EnviroEYE Minimizes Your Risk

The Floating Roof Drain Guard System's flow chamber includes a hydrocarbon sensor that can be set to a desired level of sensitivity. The sensor can detect the presence of hydrocarbons, signal the valve to close and prevent release of the storage tank contents. The system can be programmed to deploy a customized alert.

EnviroEYE Provides Peace of Mind

Its innovative technology allows roof drains to be safely left open—a viable solution.

Features and Benefits

EnviroEYE's patent-pending technology eliminates the need for in-person oversight with hands-free electronic monitoring. It's always on guard!

Safety Standards

Meets Hazardous Location, Class I, Division I, Explosion Proof standards outlined in NFPA 70—The National Electric Code published by the National Fire Protection Association.

Set Up and Maintenance

The external application utilizes flange connections. Installation involves positioning and leveling the interface on a concrete slab with no service interruption. Maintenance costs are minimal.

Components

- Motor-operated closure valve (MOV)
- Flow chamber with baffle and hydrocarbon sensor
- Magnets that capture scale from tank
- Control box
- Override switch

Custom Options

- Bypass manifold
- Secondary MOV
- Absorbent socks
- Flashing light, modem, audible alarm and control room device interface
- Battery backup (UPS)

