

EQUIPMENTGUARD durability, versatility key to custom GPU containment installation

EQUIPMENTGUARD modular base pads install easily, provide long-term protection of critical equipment and solve a flame arrester issue in tight containment space.

Pennsylvania, USA

The challenge

The client needed a system to contain potential leaks or spills from its onsite gas processing units (GPUs). The GPUs had to be protected from prolonged contact with rainwater that might temporarily accumulate inside the containment. In addition, the units needed to be situated so the flame arrester could easily extend over the containment walls.

The solution

A SPILLGUARD low-profile containment system was constructed completely above ground per Pennsylvania regulations. The shorter walls were made possible by the use of heavy-duty, 12-inch-tall Cee Purlin galvanized metal. A GROUNDGUARD SR (slip resistant) leakproof liner formed a seamless barrier across the floor and walls of the structure.



Lightweight, modular EQUIPMENTGUARD base pads were easily installed near the containment wall, providing a stable and durable platform for the heavy equipment. This elevated the GPUs so the flame arrester could pass safely over the shorter wall and away from the containment area. The EQUIPMENTGUARD pads also prevented contact with collected rainwater and spills, thus preventing rust, corrosion and other damage.

EQUIPMENTGUARD pads are engineered to provide maximum compressive strength and stability despite their light weight. All ASSETGUARD products are constructed with a proprietary polyurea surface coating that provides an impermeable, maintenance-free layer of protection. It resists punctures and exposure to harsh UV, chemical and temperature extremes (-40° F to 165° F).

The results

The EQUIPMENTGUARD pads protect the client's critical equipment while extending asset service life and reducing total cost of ownership. The SPILLGUARD containment and GROUNDGUARD liner provide a durable system designed to last the life of the facility. In addition, the equipment pads and the entire containment system can be easily moved and reused for another installation.

Project Details

Client: Oil & Gas

Location: Pennsylvania, USA

Application: Equipment protection

Products: EQUIPMENTGUARD, GROUNDGUARD SR, SPILLGUARD



Modular EQUIPMENTGUARD base pads are easily moved into place and ready for immediate use.



EQUIPMENTGUARD pads elevate equipment so flame arrester piping can pass safely over the low-profile containment wall and prevent exposure to standing rainwater

Talk to ASSETGUARD to find out how we can help you protect your assets and the environment.

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