



INTEGRAL FOAM DAM



When fires occur on aboveground storage tanks, they are usually concentrated in the rim space. One practical solution is to install a foam dam to concentrate fire foam in the rim area in the event of a fire. Traditional foam dams are made of steel and welded to the roof of the tank. Historically, traditional welded foam dams have promoted corrosion due to clogged drainage holes. They also have traditionally required a large amount of foam due to the size and position of the foam dam. The HMT Integral Foam Dam is a bolted design and a desirable alternative to the traditional foam dam. The HMT Integral Foam Dam requires less foam, is corrosion resistant, will last the life of your tank and is API 650 compliant.

Key benefits:

The HMT Integral Foam Dam primary benefits include:

Easy, fast installation — bolted design means the installation is fast and easy and can be done while the tank is in service

Long service life — constructed of materials that will last the life of your tank

Reduces amount of foam needed and filling time — designed to be attached to the same position as the secondary seal, the amount of foam and fill time is reduced compared to traditional steel welded foam dams

Key design features:

- Made with corrosion resistant stainless steel
- Designed to efficiently concentrate foam in the secondary seal area
- Bolted design allows for in-service installation, repairs or maintenance
- Adaptable for horizontal or vertical rims
- Designed and sized to fit the specific tank and floating roof dimensions
- Can be fitted to any traditional secondary seal

THE HMT INTEGRAL FOAM DAM DESIGN

HMT's Integral Foam Dam design is a desirable alternative to traditional steel welded foam dams
Here's why:

1. Bolted design for fast, easy installation

The bolted design of the HMT Integral Foam Dam means no hot work. The HMT Foam Dam can be installed while the tank is in service. Additionally, any future maintenance or repairs can be done without taking the tank out of service.

2. Concentrates fire foam in the seal area with faster fill rates and less foam required

Traditional welded steel foam dams are welded to the deck of the floating roof, requiring a significant amount of fire foam. The HMT Integral Foam Dam attaches to the same fixing position as the secondary seal, resulting in faster fill rates and requires less foam.

OTHER KEY BENEFITS

- Quality, workhorse materials
- Corrosion resistant
- Equipped with multiple weep holes for drainage
- Compatible with vertical or horizontal rims
- Can be fitted on any traditional secondary seal
- Custom designed to fit each individual tank
- Compliant with API 650



ABOUT HMT

HMT is the global leader in aboveground storage tank solutions. HMT's global team of engineers, project managers and field personnel can assist with common challenges including ways to reduce emissions, optimize tank capacity, reduce stranded inventory and engineer a tank system that exceeds safety standards and extends maintenance intervals.

HMT's full suite of tank products includes: External Seal Systems - Internal Seal Systems - Drain and Floating Suction Systems - Geodesic Domes - Skin and Pontoon IFRs - Full Contact IFRs - Emissions Reduction Devices

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