

ANGUS TOP POURER

Full surface storage tank foam application system



Floating roof storage tanks are some of the safest in the world and may provide many years of use. In normal conditions the risk of fire is generally confined to the seal area but wear and tear of the seals can allow them to become contaminated with fuel. In the event of an ignition source, such as burning embers or a lightening strike, a rimseal fire may occur and the normal fire-fighting systems for floating roof tanks such as the Angus Rimseal Pourers are highly effective in flooding the seal area between the tank wall and the foam dam installed on the roof.

However, when the full surface area of the tank is exposed to atmosphere e.g. when the roof sinks, any fire will engulf the whole tank surface.



Rimseal fire protection is not designed to deal with this scale and type of fire and a large flow system will then be needed to provide foam at a suitable application rate

The Angus FST (Full Surface Top) pourer is specifically designed to provide these higher flow rates whilst generating good quality expanded foam when used with a high performance Angus foam concentrate. The outlet is specifically designed to discharge on to the tank wall such that it 'flows' on to the burning fuel providing gentle foam application.

- No static electricity risk (monitor streams have ignited full surface fires from the static created in the jet stream)
- Lower application rate required (6.5 ltrs/mtr²/min against 11 for monitor application)
- Fully automatic system for sites with low manning levels (no dependence on manpower)
- All the foam is applied to the risk area gently
- Fully engineered system
- Buncefield report calls for full surface protection on all tanks
- Rapid reaction minimising tank damage

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