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Permanent Bund Solution

Background

A bund is essentially an enclosed area that has been designed to hold 110% of the oil contained in storage tanks and electrical equipment within its walls.

In the event that rainwater enters the bunded area the bund's volume will be reduced and given that oil is less dense than water and will therefore float it is entirely legitimate to assume that left unresolved a bund will not prevent oil from contaminating the surrounding environment.

Eden Transformer Oil has two products to address this issue, the first is a portable one time use filter 'sock' to be held in readiness, and the product detailed below for permanent bund management

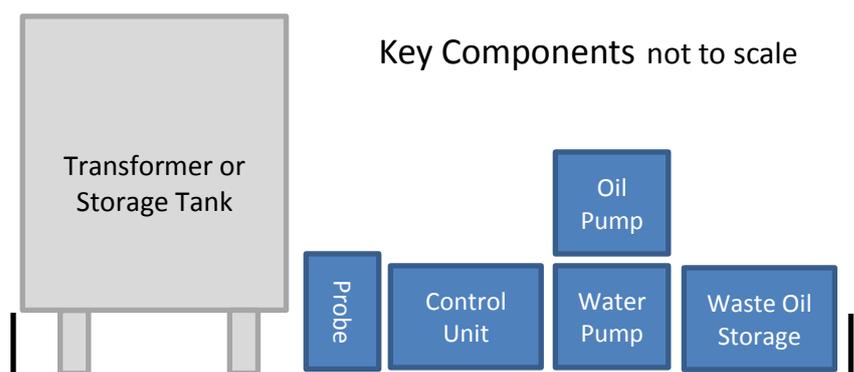
Solution

By separating the rainwater from any oils present and then storing the oil for later collection and disposal by professional licensed waste carriers, it is possible to manage a bunded area in a safe and more cost effective solution than building shelters over the bund area.

With optional telephony on the control panel the system and waste storage can be monitored remotely.

Excluding the waste oil storage which will be specified according to the source volume, the key components measure just 432mm x 328mm x 200mm and 525mm x 200mm x 250mm.

This means that the need for expensive heavy engineering and plant is eliminated.



Conclusion.

The above solution can be summarised in to the following benefits:-

- 🔥 Safe, dry working environment
- 🔥 Maintains bund capacity
- 🔥 Reduce maintenance and management time
- 🔥 No civil works required for reduced implementation costs
- 🔥 Suitable for use in hazardous and non-hazardous zones
- 🔥 Alarm situation relayed from remote locations
- 🔥 Meets legislative requirements:-
 - 🔥 Oil Storage Regulations 2001
 - 🔥 PPG8: Safe Storage and disposal of used oils
 - 🔥 PPG2: Above Ground Oil Storage Tanks
 - 🔥 ISO 14001: Demonstrate environmental best practice