

Process Safety Forum

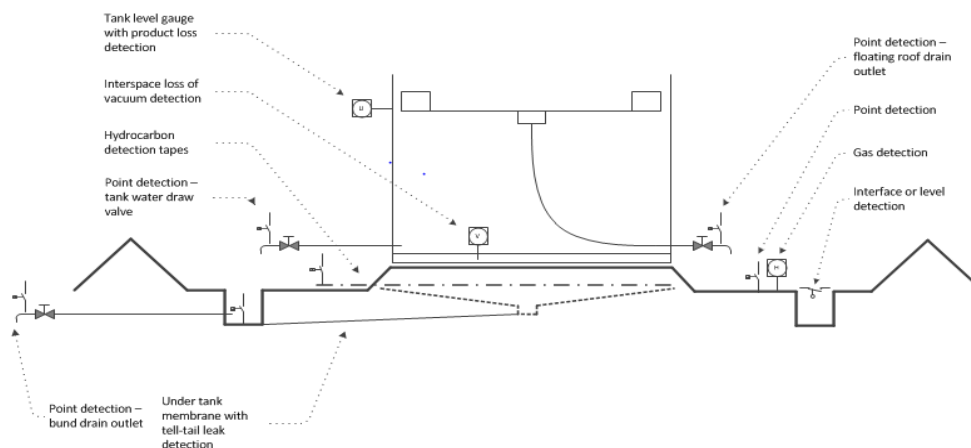
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CDOIF: Guidance on 'Leak Detection'

The Chemical and Downstream Oil Industries Forum (CDOIF)¹ has recently published guidance to help duty holders who may be considering the use of leak detection systems to provide mitigation against the loss of product from an Above-ground Storage Tank (AST).

Hazardous substances which are stored in ASTs could have the potential to pollute the environment or harm people if the primary containment measure in which they are stored (i.e. the tank) fails. Leak detection is one method by which hydrocarbons can be detected should primary containment fail. Early indication of the failure may ensure that mitigation measures to prevent escalation of the scenario can be deployed quickly.

There are different leak detection methodologies available, which each have their own strengths and weaknesses. Methodologies considered in terms of their benefits, limitations and indicative costs are described in the guideline.



The CDOIF Guideline on 'Leak Detection' can be found on the UK Health and Safety Executives website here: <http://www.hse.gov.uk/>

Note 1: CDOIF is a collaborative venture formed to agree strategic areas for joint industry / trade union / regulator action aimed at delivering health, safety and environmental improvements with cross-sector benefits.

The Process Safety Forum has been set up to provide an industry association platform whereby initiatives, best practice, lessons from incidents and process safety strategy can be distilled and shared across sectors, to influence our stakeholders (including the Regulators), and to drive the process safety management agenda. The Process Safety Forum consists of representatives from UKPIA, TSA, CIA, OGUK, CBA, RSSB, ENA, ECIA, UKLPG, BAMA, EIG, UKOPA, SWA and SDF. For further details contact: PSF.Secretary@gmail.com.