



DIGITAL SOLUTIONS

LEAK TRAINING

Course code: SA-08

Duration: 0.5 days

Prerequisite:

This course is suitable for new users or more experienced users who have not attended a formal training or would like a refresher course.

An understanding of the concept of QRA and frequency analysis is required, as is some experience of using this technology in the process industry.

DESCRIPTION

The course provides an introduction to the concepts and models within Leak, DNV GL's leak frequency database application based on the UK HSE Hydrocarbon release database. All the key aspects of setting up a frequency analysis project in Leak are covered in the course.

Some of the topics included are:

- Selecting the calculation basis (hole size or release rate)
- Adding equipment items
- Determining base elements
- Defining release rate/hole size categories
- Defining output categories

You will be required to practise and apply your new knowledge of the software through a hands-on workshop.

LEARNING OBJECTIVES

Upon completion of this course, you will understand and be able to use the theoretical and practical aspects of Leak. You will learn how to assess leak frequencies for process plants using the data and analysis tools with Leak.

TARGET GROUP

Users who need to calculate leak frequencies for releases of hazardous materials on process plants. Participants are likely to be from regulatory authorities, insurance industry, engineering contractors or consultants.