



## DIGITAL SOLUTIONS

# SYNERGI GAS STANDARD PLUS COMPRESSORS

Course code: SY-26  
Duration: 3,5 days

### Prerequisite:

A basic level of proficiency in the Microsoft Windows environment is assumed.

The number and relative experience levels of the attendees will dictate the speed and sometimes the content of the course.

## DESCRIPTION

This course is designed for engineers or experienced technicians who are responsible for the construction, design, analysis and operation of pressure-flow piping systems. Course material and examples focus on standard Synergi functionality, analysis of models, hydraulic theory and the operation of the physical components of a network. It is a perfect blend of lecture and hands-on workshops to ensure you take away the knowledge to effectively and efficiently use the product.

Topics covered include: model settings, workspaces and equipment warehouse, base-maps, reports, exchange files and printing. Facility types discussed in detail include pipes, valves, and regulators. The compressor section of the course runs from the afternoon of the third day through lunchtime on the fourth day. This material includes theoretical compression, basic controls and unit selection, and reciprocating compressors in detail. If time allows, an overview of centrifugal compressor modelling may also be provided. You will take away a helpful binder full of the lecture slides and workshops to refer to at a later date, along with the training files on a flash drive.

## LEARNING OBJECTIVES

To gain both a working and theoretical knowledge of Synergi Gas.

## TARGET GROUP

Engineers, planners, and technicians who will be using Synergi Gas to model natural gas networks and pipelines, especially with compression. In addition, managers will benefit from learning the program's capabilities. Users who have had training on older versions of the software will find most of the course a review, but will benefit from hands-on work with the most recent release plus the ability to work through any lingering issues in a classroom environment.