

## PV-Elite Training Syllabus

- Introduction to PV-Elite, basic modeling (horizontal vessel, vertical tower), materials.
- Comparison code criteria, USA, UK and Europe.
- Convert ASME VIII design to EN 13445
- Loads analysis to WRC 107
- Local stress analysis using CodeCalc
- Dealing with fatigue
- Legs, lugs and jackets
- Fitness for purpose exercises according to API 579
- Composite Vessel design
- Heat exchanger with fixed tubesheet
- Heat exchanger with submerged floating head
- Heat exchanger with U-tube bundle

