

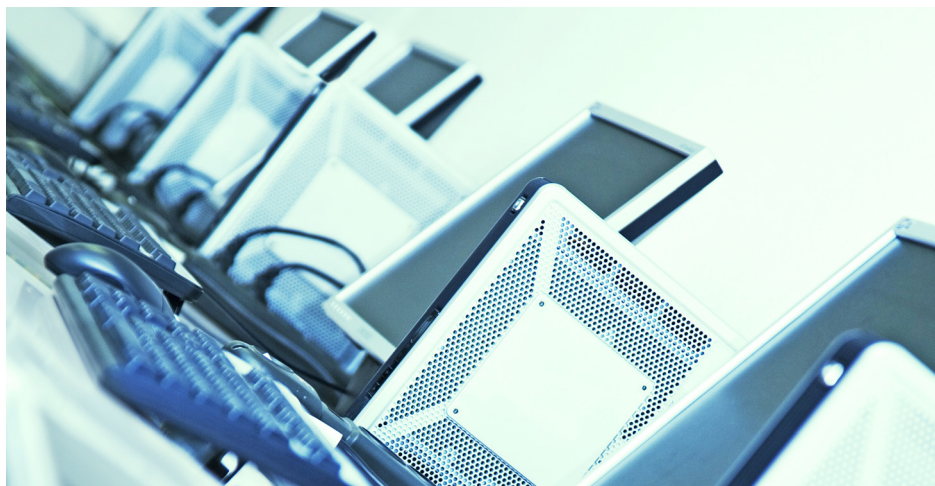
ABB Consulting Events

PEL

An introduction to PEL



A one training day course



Power and productivity
for a better world™



An introduction to PEL

PEL software from ABB is a highly effective solution for generating and managing process engineering data.

PEL is a collection of tools to enable engineers to carry out their day-to-day tasks more quickly and reliably. The software includes purpose built programs to generate datasheets, perform engineering calculations of liquid and / or gas flow, investigate physical properties and create fault tree diagrams. Designed by engineers for engineers, the tools are intuitive and easy to use. They can be used to work out every day calculations, for troubleshooting issues such as bottlenecks, or when making plant modifications. This low cost solution will enable engineers to design processes more quickly and reliably with up-to-date and permanently available design data.

This course will give an introduction to the following PEL programs:

- **PhysPack** - for exploring physical properties of both pure components and mixtures
- **PEW** - the Process Engineers Workbench
- **VisualFLONET** - for modelling liquid and gas distribution systems



- **VisualAdrian** - for modelling pressure relief systems
- **VisualPiper** - for rigorous modelling of non-ideal and two phase flow in pipes
- **ProvueDB** - the engineering database for process, control, relief, and instrument datasheets

Duration: 1 day

Benefits

The course is predominantly hands-on training covering the 60 second guides for each of the above programs. The course includes a small design project to calculate the venting requirements for a storage tank. After each 60 Second Guide the attendees use that program to complete various calculations required by the project.

On completion you should be able to understand:

- What programs are available in PEL
- How to use the programs with confidence

For more information

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