

Building Utility: Chiller Cooling

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Layout of Cooling Installation based on Chillers with either integrated or external Natural Cooling Fans for Commercial Building with detail Design of Installations. P-Engineering designs e.g.,

- PFD
- PID w. full TAG-numbering
- General Layout 3D
- Detail Layout 2D and 3D
- Pipe Layout and Detailed Design
- Support Struc. & Pipe Support

Design Package includes

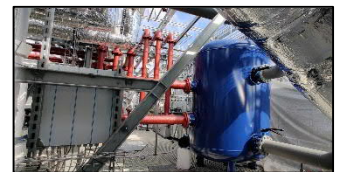
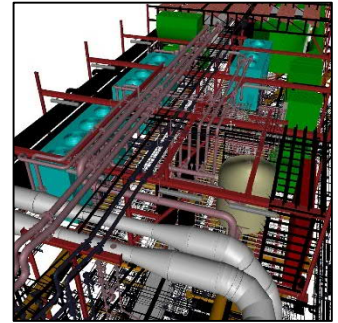
- Piping Design acc. EN13480
- Vessels Design acc. EN13445 including Buffer Tank with Baffles
- Chiller Sizing and Specification
- Steel acc. Eurocode
- Platforms acc. Eurocode
- Instrumentation
- Water Quality Monitoring
- Make-up System
- Control System – General Spec., Functional Descriptions, SCADA specification etc.
- Pumping Sizing and Selection
- Control Valve Sizing/Selection
- MCC's and Electrical Supply
- Cabling – Power, Signal & IT

P-Engineering uses e.g.

- [AVEVA PDMS](http://www.aveva.com) Software for 3D design – www.aveva.com
- [Pipeflo®](http://www.pipeflo.com) for Piping and Pump Sizing
- [CONVAL®](http://www.conval.com) for Control Valve and SRV Sizing
- [DXT](http://www.dxt.com) Software EN13445 and EN13480

Contact Information:

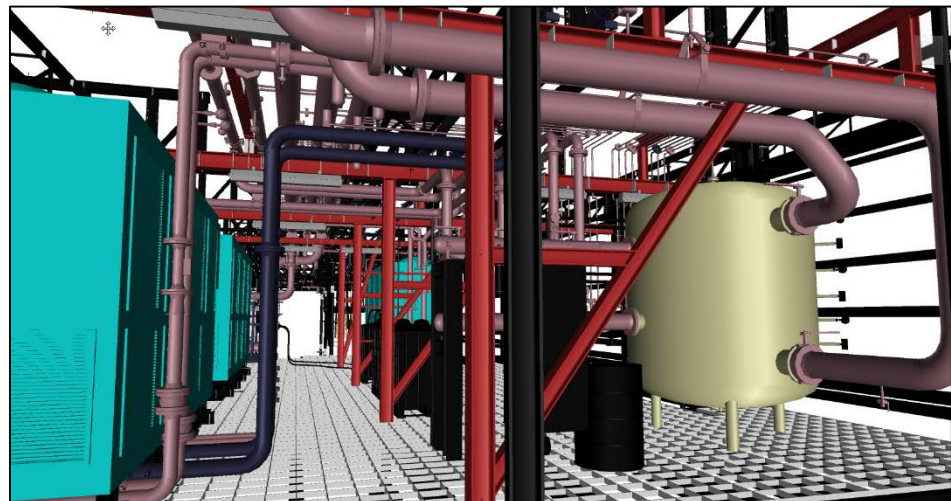
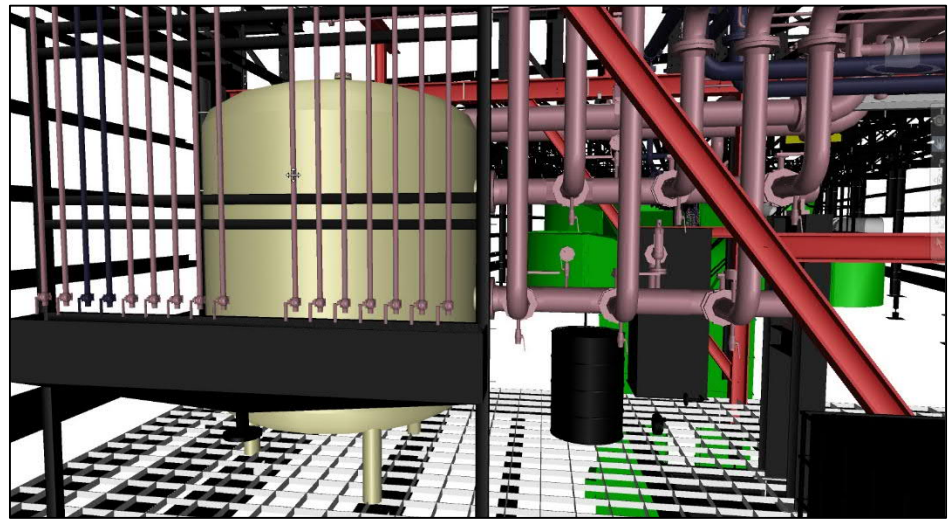
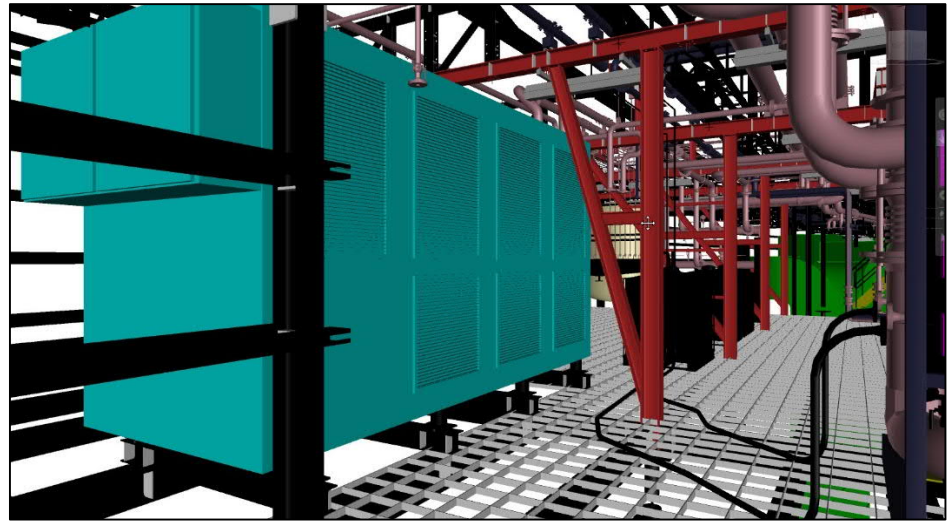
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Pictures from a Cooling Installation for a Commercial Building – Company Head Quarter.

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Cooling Chillers on Commercial Building. All Steelwork and Pipework was prefabricated in Polen and brought to site for erection.