

Siemens Instrumentation in the chemical industry

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I would like to present some Siemens Instrumentation reference applications in the CRC multifunctional plant of Huntsman (Pétfürdő).

The presentation starts with the introduction of the Siemens Process Industries and Drives division, its portfolio, innovations, integration into the DCS systems and the certifications which are required for the chemical industry.

I introduce the world wide relationship with Huntsman, the company and finally the plant itself.

Going into the details I will describe the requirements, challenges, specialties of the instrumentation in this plant.

Then I go through the measurement types, describing the aim of the measurement, the principle, and the Siemens solution.

Listed measurement types: pressure, temperature, dp level, TDR level, radar level, level switches, weighing, valve positioners.