

# Project information

BC Therm Co. / Sinergy Ltd.: extension of high-, medium and low pressure steam network.



**Task:** Complete installation of steam pipelines, steam reduction and distribution system.

**Customer:** BorsodChem Therm Co., Kazincbarcika Site

**Revenues:** 7.405.000 Euro

**Date of investment:** 2008

**Delivery limits:** Prepare the licensing and implementation design. The complete installation of the establishment with procurement of goods and equipment, cleaning, blow down commissioning.

**Description of the establishment:** BC Co. has expanded its steam producing and distributive capacity to supply steam for its newly built factories. The reconstruction of the factory section Steam-I and the connection to the source site will result in a new, 160 t/h distributive capacity, which will supply the main producing areas together with Steam-III factory section on the plants nr. 1 and 3.

### Implementation:

- Establishment of a steam collecting system on the high pressure steam collector next to the boiler for collecting the steam coming from BC power plant (50 t/h) and the newly built 110 t/h capacity natural gas/fuel-burning boiler (30 barg, 370°C fresh steam product)
- Installation of the steam pipeline system from the steam distribution until the steam receive station next to the factory section Steam-III with pipe bridges and fittings (app. 1200 meter long with 4 parallel pipelines)
- Installation of steam receiver/reducing and steam distribution system in the factory section Steam-III
- Installation of the whole steam distribution pipeline system that reaches the consumers, with pipe bridges and fittings
- Installation of auxiliary system (unloading, deaerator and silencer system)

