

Reference project

**Absorber**  
**Exhibition center**

Figure 1: deposits removed from the system

## Comprex® cleaning of a cooling system with absorber in the energy center of an exhibition center

### Assignment

- remove deposits (Figure 1) from the system
- clean an absorber (Figure 2) and feed / discharge lines of the cooling system
- recover performance, safety and reliability of the system

### Technical Data

- pipelines up to DN 400, length approx. 60 m
- absorber (shell and tube heat exchanger): length 8 m, diameter 1,6 m
- permitted pressure of system approx. 10 bar

### Cleaning using the Comprex® process

- efficient cleaning of pipelines and absorber by defined application of air and water
- access to the system via standard adapters (Figure 3)
- discharge into cooling tower pond (Figure 4)
- application of 2 Comprex® units
- 2 technicians, approx. 36 hours on site

### Result of Comprex® process

- deposits mobilized and discharged (Figure 1 and Figure 4)
- increased performance
- improved safety and reliability
- efficient operation



Figure 2: absorber (Shell and tube heat exchanger) in cooling center

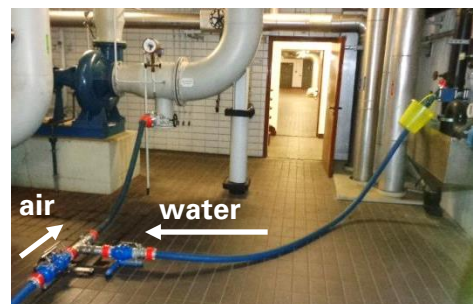


Figure 3: feed of air and water into the system



Figure 4: discharge of air, water and removed deposits into cooling tower pond