



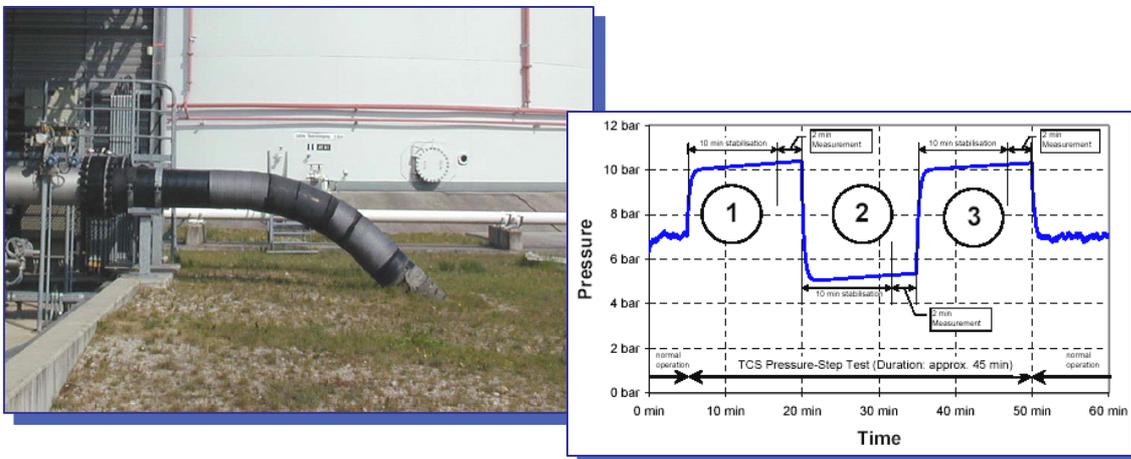
HansaConsult

Sealing test of underground kerosene pipeline nets at airports

The difficulty of the seal determination is the very high sensibility regarding temperature changing. So the pressure will change by 1 bar at a temperature difference of 0,1 K only. For that reason a very precise and high-resolution pressure measurement is necessary. So the module e.bloxx A1 will be used. Due to the short time of measurement, the low dynamic and the constant environmental conditions it is possible to measure with a resolution of 21 bit. For the system accuracy that means, leakages of 0,04 l / h per m² section volume will be detected safely.

The system is used at many airports:

Amsterdam, Anchorage, Athens, Atlanta, Cleveland, Frankfurt, Geneva, London, Milan, Munich, New York, Osaka, Seoul, Sydney, Tel Aviv, Vienna, Warsaw, Washington DC.



The primary reasons the e.bloxx family was selected:

- With the module e.bloxx A1 high precise measurement could be reached.
- In a special version a resolution of 21 bit could be reached.
- The module is robust and industrial like designed.
- Achieve high density
- The price performance relation is excellent.

