Operational Handling and Safety Precautions for level pots

General

The delivered vessel is a steam or condensing pot for separating fluid constituents from a gaseous medium.

The material (type of material and section thickness) has been selected to provide resistance to the specified medium.

This relates to the pressure, temperature and composition of the medium.

The vessel undergoes a pressure test with water. This test is documented accordingly and is part and parcel of the documentation.

General technical data

Contents	:	litres	(see rating plate)
Material	:		(see material certification)
Pressure design layout	:	bar g	(see rating plate)
Temperature rating	:	°C	(see rating plate)
Designation	:		Categorization according PED 3 paragraph 3

CE marking

The following tests have not been undertaken and are the responsibility of the operator:

- Precautions for safety in handling and operation
- Protection against exceeding admissible pressure device limits
- Armature parts that have a safety function
- External fire

Assembly

The vessel has to be mounted vertically.

The connection to the process is realized by screwing at the taps.

Commissioning

It is imperative that the following points be clarified before putting the equipment into operation:

- Is the vessel mounted securely?
- Are all connections to the process, fill-level measurement and/or drainage imperviously connected so as to be leak-proof?
- Are devices provided that will ensure the functionality of the vessel?

  These are:

  - Temperature control
  - Pressure monitoring
  - Liquid level monitoring
  - Shut-off device for sealing off the tank in the event of process malfunction
  - Pressure/ temperature / overfilling

Operation

It is imperative that steps be taken to ensure that the following conditions are not exceeded in the operation of the vessel. The warranty in respect of these points is the responsibility of the operator:

- Pressure - as stated in the layout design
- Temperature - as stated in the layout design
- The fill level in the vessel - may lead to faulty operation of the tank

Prior to drainage, the tank must be depressurised and the temperature should correspond to the surroundings. Otherwise equipment shall be provided to ensure that drainage under the prevailing conditions does not result in the operating personnel being endangered in any way.

Conclusion

A warranty for the functionality of the tank can be undertaken only if the points raised in this instruction are adhered to without fail.