

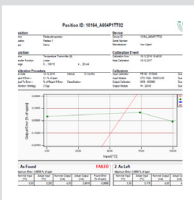
Take a **closer** look at your process line

Instrument Calibration

- Best practice for on-site traceable calibration*
- Easy on-line access to documentation
- Applicable for temperature, pressure, conductivity and flow sensors



State-of-the-art instruments



Traceable Certificate

Bactoforce is your partner to secure a traceable on-site calibration of temperature, pressure, conductivity and flow instruments. Working with Bactoforce is effective, reduces your costs related to time, purchasing, maintenance of calibration tools and gives you access to specialized competences.

With more than 2000 on-site calibration tests performed yearly, Bactoforce offers a strong know-how and experience. Based on an agreed calibration strategy and plan, Bactoforce manages the cooperation proactively to ensure calibrations are performed according to schedule.

• **Best practice for on-site calibration:**

Bactoforce has state-of-the-art calibration instruments, and we are working according to best-practice on-site calibration routines. We provide full traceability according to national standards. On-site calibration furthermore allows you to calibrate the whole system from sensor to control unit.

• **Easy on-line access to documentation:**

Our on-line system, R-Force, will give full access to certificates and furthermore provide a transparent calibration plan for the individual sensors.

• **Time and cost effective:**

Effective planning will allow Bactoforce to manage the calibrations efficiently. Use of own manpower and investment/ maintenance of own instruments can be avoided.



Procedure - Calibration

Calibration

Bactoforce has the knowledge to set up a calibration plan to secure right tolerance of instruments.

It can be instruments for Critical Control Points (CCP's) or process instruments. Factors to consider are calibration points, frequency and range.

Bactoforce has tools to not only calibrate the instrument, but also to test the full loop, from instrument to reading on Human Man Interface (HMI), full loop calibration.

Content of the Bactoforce Calibration

- Full loop test, instrument to the right reading on HMI.
- Temperature from -25oC to 150oC
- Pressure from -1 bar to 700 bar
- Flow from 0 to 50.000 l/h
- Full documentation for “as found” to “as left”

Other Bactoforce Services

Heat exchanger/pasteurisers

- Leakage test
- Organic residue test
- Energy side cleaning
- Calibration
- Holding time test
- Holding tube measurement
- Diverter valve reation time

Tanks

- Tank integrity test
- Validation of new tanks
- Riboflavin test / CIP validation

Instrument Calibration

- Temperature
- Flow (off-site inspection)
- Pressure
- Conductivity

Pipes

- Hygiene inspection
- Welding control

R-force - working with Bactoforce



REPORT. READ. REACT.

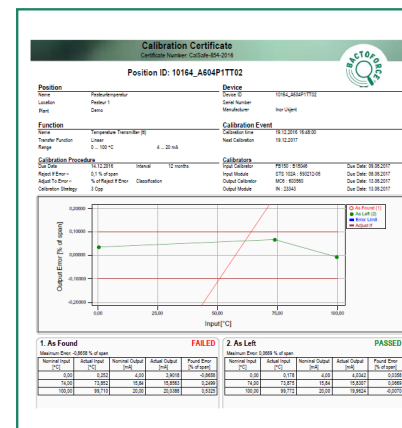
Web-based reporting system

Bactoforce is using an on-line reporting system, R-Force, which allows our customers to have full access to current and historic inspection reports.

The system also gives a systematic overview of equipment, planned inspections and agreed inspection frequency.



Inspection overview



Certificate - on-line available

