Advanced Meter Verification

Verify the performance of your non-invasive ultrasonic flow measurement FLUXUS®

FLEXIM

Efficient onsite health check

———

Cost-saving measurement check

———

Without process interruption

———

Predictive maintenance

———

Quality Management

———

Documentation

Advanced Meter Verification

FLEXIM Sets Standards
when measuring matters

Advanced Meter Verification

Advanced Meter Verification (AMV) allows you to check the health of your FLUXUS® flow measurements in depth directly at the measurement point without the need of process interruption. This saves cost while ensuring the performance of your non-invasive flow measurement.

AMV helps you to ensure that your FLUXUS® measuring system meets your measurement requirements. The continuous acquisition and permanent storage of diagnostic values by the transmitter enables regular verification. Based on this data, maintenance can be planned, and unexpected failures can be avoided.

How it works

Our FluxDiag software provides the possibility to perform the advanced meter verification. Verification after installation of your FLUXUS® confirms that the installation was carried out according to specifications and that the measurement is operating within the specified application limits. Together with the factory calibration of the FLUXUS® flow transmitter and the transducers, this ensures that the specified measurement performance is achieved.

For checking the measuring conditions, the diagnostic data recorded by the transmitter itself are automatically evaluated. The diagnostic data recorded immediately after installation form the reference for regular verification.

In addition to the initial verification statement, a verification performed regularly, e.g., annually, provides an assessment of the change in measurement compared to the initial reference point. Changes in the diagnostic values compared to this reference enable early fault detection. If the changes indicate a need for maintenance, this is clearly indicated in the verification report as well.
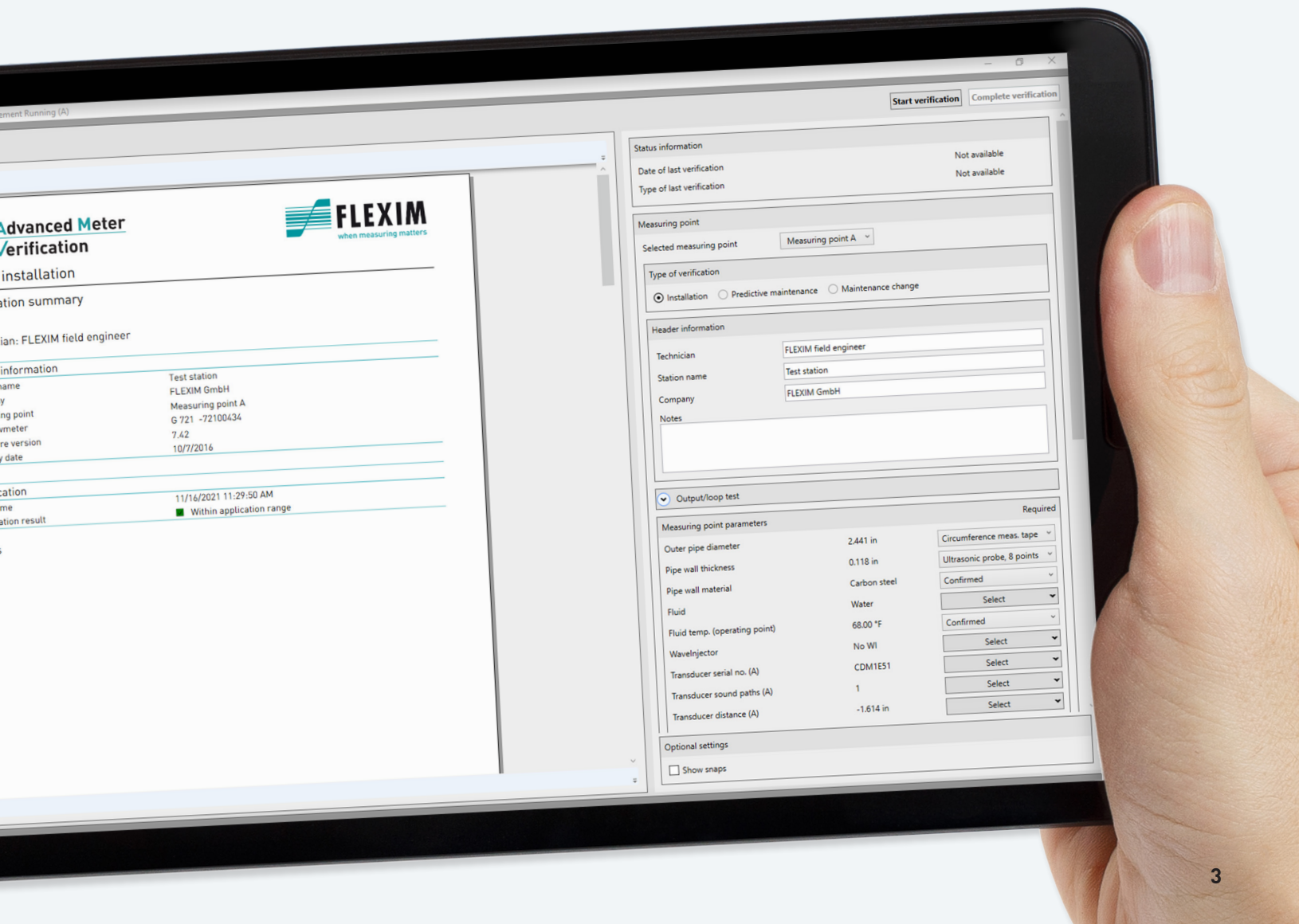
Easy and efficient quality assurance

The automatically generated verification report provides the documentation required for your quality management system. All entries and changes to the verification data logger are made in a traceable manner. This serves the use of the report in the context of quality assurance. The data for verification are stored by the transmitter in a protected memory separate from the regular data logger for the entire lifetime of the measuring point.

Your benefits at a glance

→ Savings in maintenance and calibration cost due to efficient onsite meter verification

→ Transparent statement regarding the health of your flow measurement

→ Predictive maintenance via trend evaluation

→ Indication of potential improvement measures

→ Documentation for your quality management system

Advanced Meter Verification - AMV
Comprehensive onsite meter verification
Extensive guidance to improve meter installation
Trend evaluation to detect needs of maintenance and to avoid unpredicted failures
Optional integration of I/O and loop checks into verification process
Verification and documentation compliant with ISO9001:2015
Compatible with Virtual Technician VT
Remote execution via Ethernet

Requirements
FluxDiag software (runs on Windows)
FLUXUS® series x2x or x3x (firmware version 7.42 or later)
AMV activated in FLUXUS® transmitter

Advanced Meter Verification

FLEXIM AMERICAS Corporation Headquarters
250-V Executive Drive
Edgewood, NY 11717
Phone: (631) 492-2300

FLEXIM has offices located throughout North America.

Please have a look for your local representative at:

www.flexim.com
or call us at:
1-888-852-PIPE

TÜV NORD
TÜV NORD CERT GmbH

A2LA ACCREDITED
CERTIFICATE #3791.01