

## On-Site Calibration Specifications

\* - Required

Customer : \_\_\_\_\_ Order.Nr.: \_\_\_\_\_  
\*Contact Person: \_\_\_\_\_ \*Tel./E-mail: \_\_\_\_\_

### Flowmeter to be Calibrated – Technical and operational Characteristics

☐ **Same as Last Time** - specify previous Trigas Job Nr: \_\_\_\_\_ and skip to signature field (bottom)

\*Manufacturer: \_\_\_\_\_ \*Model Nr.: \_\_\_\_\_ \*Serial Nr.: \_\_\_\_\_

Medium: ☒ **Fluid** ☐ Water ☐ Oil, other Fluid \_\_\_\_\_ please specify  
Density: \_\_\_\_\_ kg/l Viscosity \_\_\_\_\_ mm<sup>2</sup>/s at T: \_\_\_\_\_ °C  
Or ☒ **Gas** ☐ Air ☐ other Gas \_\_\_\_\_ please specify  
☐ Normal or ☐ Standard Conditions: \_\_\_\_\_ °C & \_\_\_\_\_ bar abs

\*Flowrange: Q<sub>min</sub>-Q<sub>max</sub> : \_\_\_\_\_ - \_\_\_\_\_ l/min m<sup>3</sup>/h kg/h kg/min (Mark/Specify Units)  
Note: Q<sub>min</sub> must NOT be zero. Please enter actual minimum flow expected.

\*Operating Conditions: T<sub>min</sub> - T<sub>max</sub>: \_\_\_\_\_ °C P<sub>min</sub> - P<sub>max</sub> : \_\_\_\_\_ bar abs

### \*Reference Flowmeter Connection Port Details<sup>(3)</sup>

Upstream End fitting type: \_\_\_\_\_ End fitting size: \_\_\_\_\_ Male / Female / NA (circle one)  
Downstream End fitting type: \_\_\_\_\_ End fitting size: \_\_\_\_\_ Male / Female / NA (circle one)

Flexible Hose required ☐ Yes ☐ No

### Calibration additional Requirements

☐ **DAkkS** Certificate (ISO 17025)

☐ **Specified Flowrates or spacing of points** at which the flowmeter is to be calibrated. Enter values below.  
Units as listed above

1 _____	2 _____	3 _____	4 _____	5 _____	6 _____	7 _____	8 _____
9 _____	10 _____	11 _____	12 _____	13 _____	14 _____	15 _____	16 _____

\* **Outputs to be recorded** (mark at least one)

☐ Frequency/ Pulse Scaling : \_\_\_\_\_ ☐ Visual Display  
☐ Analog Output - 0/4...20mA 20 mA = \_\_\_\_\_ ☐ Other Output Scaling : \_\_\_\_\_  
☐ Analog Output - 0/2...10 V 10 V = \_\_\_\_\_

☐ **Zero Adjustment** of the instrument before calibration

☐ **Rescaling** required if deviation exceeds \_\_\_\_\_ % Of Reading / Full Scale (mark one)

☐ **Conformity Declaration** Standard / ISO 14253-1 (mark one) to Manufacturer/Own Specification (mark one)  
As follows: \_\_\_\_\_ % Of Reading and/or \_\_\_\_\_ % Full Scale - Cumulative/Whichever is greater (mark one)

### Important Notes:

- Safety concerns allow us to calibrate only instruments that are being used with non-hazardous, non-toxic fluids.
- For flowmeters not originating from TrigasFI/TrigasDM, it is required that the operating manual is available.
- For connecting ports with special and uncommon end fittings, in order to avoid delays and extra charges, please ensure that adaptors to standard fitting types (G, NPT, AN, etc. threads or DIN/ANSI flanges) are available at time of calibration.

Filled out by \_\_\_\_\_ Date \_\_\_\_\_ Reviewed by \_\_\_\_\_ Date \_\_\_\_\_