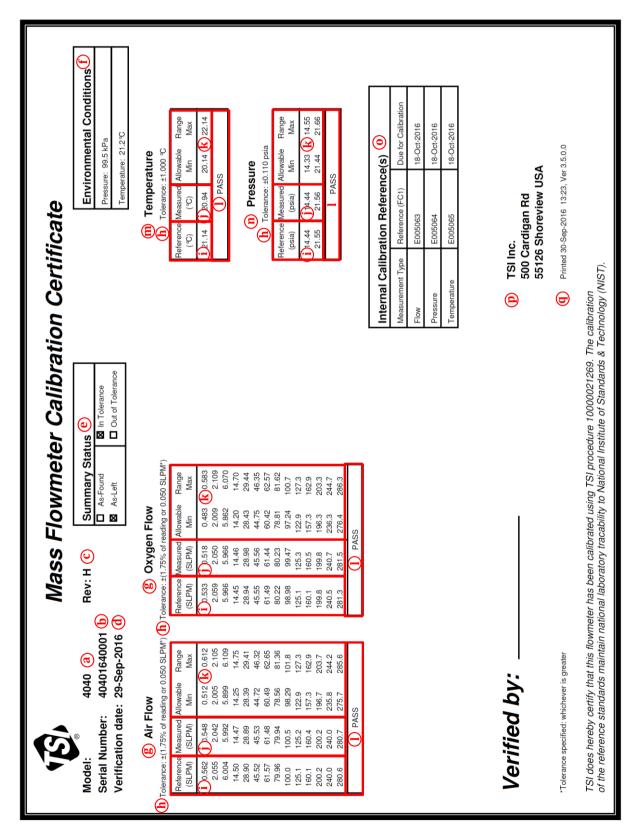
TSI MASS FLOWMETER CALIBRATION CERTIFICATE

APPLICATION NOTE FLOW-009 (A4)





- (a) Model The model number of the unit under test.
- (b) Serial Number The serial number of the unit under test.

(c) Revision

The hardware revision level of the unit under test.

(d) Verification Date The date the verification data printed on the Calibration Certificate was taken.

(e) Summary Status

The results of the test data shown on the Calibration Certificate.

a. As-Found vs. As-Left Indicates what stage of the calibration process the data on the Calibration Certificate references to.

b. In Tolerance vs. Out of Tolerance Indicates if the unit under test was

found to be In Tolerance or Pass the calibration test process or Out of Tolerance or Fail the calibration test process.

(f) Environmental Conditions The recorded environmental conditions from the calibrator at the time of the test.

(g) Gas The gas used while collecting the verification data for the table listed below.

(h) Tolerance

The allowable variability between the Actual and Measured data that results in a passing test.

(i) Reference

This column is the actual flow rate indicated by the flow reference in SLPM.

(j) Measured

This column is the flow rate measured by the unit under test in SLPM.

(k) Allowable Range

This column shows the Min and Max values that the measured flow can fall between in order to achieve a passing test.

a. Min

The minimum measured flow value that results in a passing test.

b. Max

The maximum measured flow value that results in a passing test.

(l) Pass or Fail

Shows if the result of the calibration test for the gas designated at the top of that column was a Pass or Fail.

(m) Temperature

This column is the temperature received from the thermistor located within the unit under test.

(n) Pressure

This column is the absolute pressure received from the absolute pressure sensor located within the unit under test.

(o) Internal Calibration References

Displays the calibration references that TSI used during the verification testing of the unit under test.

a. Measurement Type

Refers to the parameter being tested by the internal calibration reference.

b. Reference Refers to the TSI internal calibration reference.

c. Due for Calibration

Shows the date that the TSI internal calibration reference is due for calibration.

(p) Shipping Address

The TSI Inc. shipping address.

(q) Print Date

The date the certificate was printed.

TSI and TSI logo are registered trademarks of TSI Incorporated.



UNDERSTANDING, ACCELERATED

TSI Incorporated – Visit our website www.tsi.com for more information.

©2016 TSI Incorporated

 USA
 Tel: +1 80

 UK
 Tel: +44 1

 France
 Tel: +33 1

 Germany
 Tel: +49 2

FLOW-009 Rev. A-(A4)

Tel: +1 800 874 2811 Tel: +44 149 4 459200 Tel: +33 1 41 19 21 99 Tel: +49 241 523030 India Tel: + China Tel: + Singapore Tel: +

Tel: +91 80 67877200 Tel: +86 10 8219 7688 Tel: +65 6595 6388

Printed in U.S.A.



Distributed by: Kenelec Scientific Pty Ltd 1300 73 22 33 sales@kenelec.com.au www.kenelec.com.au