

Date of Issue: January 2013

Affected Publication: API Recommended Practice 85, *Use of Subsea Wet-gas Flowmeters in Allocation Measurement Systems*, First Edition, March 2003

ADDENDUM

The below listed sections are removed from API Recommended Practice 85, *Use of Subsea Wet-gas Flowmeters in Allocation Measurement Systems*, 1st edition, 2003 and will now be covered by API MPMS Chapter 20.3, *Measurement of Multiphase Flow*, 1st edition, 2013.

Remove the following sections:

- Section 4—Subsea Meter Calibration and Testing,
- Section 6.1—Overview,
- Section 6.2—Normal Operating Conditions Over Field Life,
- Section 6.2.1—Pressure,
- Section 6.2.2—Temperature,
- Section 6.2.3—Flow Rates,
- Section 6.2.4—Gas and Liquid Volume Fractions (GVF/LVF),
- Section 6.2.5—Water Volume Fraction, Watercut,
- Section 6.2.6—Fluid Properties,
- Section 6.3—Measurement Uncertainty Expected for Normal Operating Conditions,
- Section 6.4—Design Considerations,
- Section 6.4.1—External Design Pressure,
- Section 6.4.2—Internal Design Pressure,
- Section 6.4.3—Material Selection and Manufacture,
- Section 6.4.4—Erosion and Corrosion,
- Section 6.4.5—Hydrate Susceptibility Analysis,
- Section 6.4.6—In-situ Re-Calibration,
- Section 6.4.7—Sensor Redundancy,

- Section 6.4.8—Leak Path Minimization,
- Section 6.4.9—Installability/Removability from Service,
- Section 6.4.10—Stresses Due to Environmental Conditions,
- Section 6.4.10.1—Handling, Lifting and Installation,
- Section 6.4.10.2—Thermal Effects,
- Section 6.4.10.3—Pressure,
- Section 6.4.10.4—Hydrodynamic Loading,
- Section 6.4.10.5—Impact Loading,
- Section 6.4.11—Collapse,
- Section 6.4.12—Other Factors,
- Section 6.4.12.1—Sensor Accuracy,
- Section 6.4.12.2—Power Requirements,
- Section 6.4.12.3—Mechanical Protection,
- Section 6.4.12.4—Software Development,
- Section 6.5—Installation Effects on Measurement,
- Section 6.6—Additional Testing on Measurement Systems
- Section 6.6.1—Systems Integration Test (SIT),
- Section 6.6.2—Installation Demonstration,
- Section 6.6.3—Software Testing,
- Section 6.7—Routine Verification,
- Section 6.7.1—Comparison of Redundant Sensors,
- Section 6.7.2—Monthly System Balance Check,
- Section 6.7.3—Sensor Zero and Offset check at Shut-in,
- Section 6.7.4—Other Recommended Diagnostics.