

Recertification and Diagnostic Test Policy for Fuel Flowmeters⁽¹⁾

| Event | Event Status ⁽²⁾ | Flowmeter Calibration ⁽³⁾ | Transmitter Calibration ⁽⁴⁾ | Primary Element Inspection ⁽⁴⁾ | Redetermine Flow Coefficients ⁽⁵⁾ | Report an Event Record | Comments |
|--|-----------------------------|--------------------------------------|--|---|--|------------------------|--|
| Flowmeter certified by manufacturer (venturi-type) | R | | X | X | X | X | Edit the Monitoring Plan as necessary. |
| Flowmeter certified by manufacturer (orifice, nozzle, or venturi-type) | R | X | | | | X | Edit the Monitoring Plan as necessary. |
| Flowmeter that requires primary element inspection | D | X | | | | X | Examples of primary elements include vortex shedding element of vortex fuel flowmeter, turbine of turbine meter, coriolis flow tubes or vibrating element of coriolis meter, and transmitters or transducers of ultrasonic meters. |
| Flowmeter that requires secondary element inspection | D | | | X | | X | |
| Flowmeter that requires flow coefficient determination | D | | | X | X | X | |
| Flowmeter that requires diagnostic testing | D | | | | | | Perform any diagnostic testing as recommended by the manufacturer. |

⁽¹⁾ Flowmeters are listed in Part 75, Appendix D, Sections 2.1.5 and 2.1.6.
⁽²⁾ "R" means routine test event, and "D" means diagnostic test event.
⁽³⁾ Flowmeter, by the manufacturer or by a laboratory (Part 75, Appendix D, Section 2.1.5).
⁽⁴⁾ Primary element inspection only apply to orifice, nozzle, and venturi-type fuel flowmeters (Part 75, Appendix D, Sections 2.1.6.1 and 2.1.6.4).
⁽⁵⁾ Orifice, nozzle, or venturi flow coefficients using the procedures of AGA Report No. 3 or ASME MFC-3M whenever you change the size of the primary orifice, nozzle, or venturi (Part 75, Appendix D, Section 2.1.5.1).
⁽⁶⁾ Required or that a <QACertificationEventData> record must be reported.