

Question 3.6

Topic: Interference Checks when Unit is Operating

Question: Must interference checks be performed when the unit is operating?

Answer: Yes. Appendix A, Section 2.2.2.2 requires the owner or operator of an affected unit to demonstrate non-interference from moisture, and to perform a daily test to detect pluggage and/or malfunction of each resistance temperature device (RTD), transceiver or equivalent. Flow monitors commonly employ a purge across the transceiver or out the sampling ports or periodic heating of RTDs to meet the above requirements. Because all of these are active measures utilizing mechanical/electrical devices, they may be susceptible to changes in temperature and pressure observed during unit operation. Therefore, the interference check should be performed during unit operation.

References: Appendix A, Section 2.2.2.2; Appendix B, Section 2.1.2

History: First published in November 1995, Update #7; revised in October 1999 Revised Manual; revised in October 2003 Revised Manual