

Question 9.10

Topic: Use of Instrument Air for Calibration

Question: May a utility use scrubbed instrument air, with an assumed O₂ concentration of 20.9% O₂, for calibration of an O₂ monitor?

Answer: Yes. However, the O₂ monitor span must be set greater than or equal to 21.0% O₂. Furthermore, the utility must document that the conditioned gas will not contain concentrations of other gases that interfere with instrument O₂ readings (a certification statement from the vendor of the gas scrubbing system or equipment will suffice) for the plant required by Appendix B, include routine maintenance and quality control procedures for ensuring that the instrument air continues to be properly cleaned.

References: § 72.2; Appendix A, Sections 2.1.3 and 5.2.4; Appendix B, Section 1

History: First published in July 1995, Update #6; revised in October 1999 Revised Manual. Also, in the QA/QC plan