

## Overview of Changes in AMD Ambient Data Quality Chapter (Chapter 6)

### Overview of changes from the 1989 AMD – June, 2014

Note: nearly all of the requirements in the Ambient Data Quality Chapter are new, despite those listed below, however many of the requirements for data verification and validation are currently in use for continuous ambient data.

1989 AMD	2014 Revision	Description	Changes to Requirements
II C 1 a) bullets (i) through (iv)	DQ 4-C DQ 4-D	Requirements to keep instruments operational at least 90% of time	Requirements the same Removed references to computer tape, strip chart recorders and printouts
II C 1 d) bullet (i)	DQ 3-G DQ 4-A DQ 4-E	Inspecting data and identifying invalid data	Requirements the same
	New requirements for: Data validation and verification based on current practices and the US EPA requirements Data collection, management and adjustments Validation of final data by someone independent of both field operations and primary data validation Annual validation of data for inclusion in annual report		

\*US EPA = United States Environmental Protection Agency