

To: Business Practices Subcommittee Chairs  
From: Technical Subcommittee Chairs  
Subject: Questions Regarding R98013 - Measured Volume Audit Statement  
Date: June 28, 2000

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During the processing of request R98013, the Technical Subcommittee raised the following questions/issues:

1. The data element "Unit of Measure" was added as a Mandatory data element to the Measured Volume Audit Statement (2.4.6) at the December 16, 1999 BPS meeting. This data element is only used to qualify measurement information such as Static Pressure and Minimum Static Pressure Range. However, the data elements that need to be qualified are not all Mandatory. Therefore, the Technical Subcommittee believes that the usage on the Unit of Measure data element should be conditional, based on whether the other data elements are present. Please confirm Technical's approach in this matter.
2. The original request only addressed the data elements Minimum Static Pressure Range, Maximum Static Pressure Range, Static Pressure, Maximum Differential Pressure, and Differential Pressure. However, the code values currently being used in the X12 mapping where the Unit of Measure data element is being added are also in use for the following data elements: Reporting Pressure Base, Temperature Range Minimum, Temperature Range Maximum, Atmospheric Pressure, Tube Inside Diameter, Orifice Diameter, Chart Revolution Time, Component Percentage, Heating Factor, Specific Gravity, Temperature, Flow Period, Volume, and Reporting Temperature. The Technical Subcommittee believes the Unit of Measure data element should be added for all the data elements that need a qualifier for the measurement units, not only those mentioned in the request. The X12 syntactical rules require that the unit of measure be specified when sending a measurement value. Please confirm Technical's approach in this matter.