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INTRODUCTION

The North American Energy Standards Board (NAESB) is a voluntary non-profit organization comprised of members from all aspects of the greater gas industry. NAESB Wholesale Gas Quadrant (WGQ) Standards are a product of the North American Energy Standards Board. The NAESB mission is to take the lead in developing and implementing standards across the industry to simplify and expand electronic communication, and to streamline business practices. This will lead to a seamless North American marketplace for natural gas, as recognized by its customers, the business community, industry participants and regulatory bodies.

The standards are written as 'minimums'. A trading party may offer to 'exceed the minimum standard' by offering additional functions or features, as options but should not require their use. Such additional features or functions are termed "mutually agreed to" in that if both trading partners agree on the inclusion, the additional feature requirements will be met. However, if either trading party does not agree to the inclusion of additional features, then the partners must allow for transmission and receipt of data using the minimum standards. NAESB defines 'exceed the minimum standard' to mean surpassing the standards without negative impact on contracting and non-contracting parties.

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All of the standards have been adopted in the realization that as the industry evolves and uses the standards, additional and amended NAESB standards will be necessary. Any industry participant seeking additional or amended standards (including principles, definitions, standards, data elements, process descriptions, technical implementation instructions) should submit a request to the NAESB office, detailing the change, so that the appropriate process may take place to amend the standards.

[TAB 1 Executive Summary](#)

[Provides a brief outline of this guide and the industry context for its use.](#)

TAB 2 Version Notes

Contains notes about this version, and a summary of changes from the immediately preceding version.

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TAB 3 Introduction

Provides a background statement about NAESB's Mission and the underlying concepts behind the design and use of this guide.

Deleted: **TAB 3 Executive Summary**

Provides a brief outline of the industry business situation which is the basis for development of this guide.

TAB 4 Business Process & Practices

Provides a brief overview of the business process and the NAESB WGQ approved principles, definitions and standards related to the business process covered by this guide.

TAB 5 Related Standards

Provides a reference to any related standards.

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TAB 6 Technical Implementation - Internet EDI/EDM and BATCH FF/EDM

Provides an overview of the business process for Internet EDI/EDM and Batch FF/EDM.

Update this with new sectional information once complete (OPEN ISSUE!)



Deleted: Data Dictionary¶
Provides definition of the standard data elements and the usage requirements for each element.

TAB 7 Technical Implementation - Informational Postings Web Site

Provides an overview of the business process for IP/EDM.

**Deleted: Batch Flow Diagram¶
Sending Transactions¶**
Provides instructions to develop mechanisms for sending of NAESB WGQ standard format data files.¶

TAB 8 Technical Implementation, EBB/EDM

Provides an overview of the business process for EBB/EDM.

Receiving Transactions¶
Provides instructions to develop mechanisms for receiving of NAESB WGQ standard format data files.¶

TAB 9 Technical Implementation, - INTERACTIVE FF/EDM

Provides an overview of the business process for Interactive FF/EDM.

Security¶
Provides guidelines for data privacy, data integrity, authentication and non-repudiation of inbound and outbound transactions.¶

TAB 10 Appendix

- Appendix A - Reference Guide
- Appendix B - Repudiation and Validation Examples
- Appendix C - Minimum Technical Characteristics and Guidelines for the Developer and User of the Customer Activities Web Site
- Appendix D - Minimal and Suggested Technical Characteristics and Guidelines for the Developer and User of the Informational Postings Web Site
- Appendix E - Minimum Technical Characteristics for an EDM [Communications](#)

Other Considerations¶
Provides information regarding error notification and testing. Includes a reference guide and examples for repudiation and validation.

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