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Elements; 3.4. Mapping the Management Processes; 3.5. Redesigning the Management Systems; 3.6. Update the Implementation Plan ReferencesAttachment 3.1 Selected Slides from Executive Summary of the Assessment of Existing Systems for Xmples, Inc.; 4. Develop a Plan; 4.1. The Need for Developing a Plan; 4.2. Adjust the Preliminary Plan; 4.3. Implementation Strategy; 4.4. Update Benefits and Costs; 4.5. Recast the Plan; Reference; Attachment 4.1. Sample Plans/Project Descriptions; 5. Integration Framework; 5.1. The Need for Developing an Integration Framework; 5.2. Prioritization of Programs, Elements, and Processes for Installation; 5.3. Developing Integrated Systems; 5.4. Continuous Improvement 5.5. Quality Management Tools 5.6. Converting Informal Systems; Reference; 6. Testing Implementation Approach; 6.1. The Need for Testing; 6.2. Selecting the Pilot Project; 6.3. Establish Success (and Failure) Criteria; 6.4. Communication; 6.5. Conducting the Pilot; 6.6. Identifying and Correcting Deficiencies in Integration Plan; Reference; Attachment 6.1. Sample Pilot Project Advance Communication; 7. Tracking Progress and Measuring Performance; 7.1. The Need for Tracking and Measurement; 7.2. Capture Early Successes; 7.3. Measures to Consider; 7.4. Selection and Timing of Measures 7.5. Customer Feedback 7.6. Improving Performance; Attachment 7.1. Sample Monthly Report; 8. Continuous Improvement; 8.1. The Need for Continuous Improvement; 8.2. Management Responsibility; 8.3. Auditing the Quality System; 8.4. Product Verification; 8.5. Nonconformity and Corrective Action; 8.6. Personnel (Training); 8.7. Use of Statistical Methods; 9. Other Quality Management Systems; 9.1. Introduction; 9.2. Total Quality Management; 9.3. Malcolm Baldridge National Quality Award; 9.4. European Quality Award; 9.5. Deming Quality System; 9.6. ISO 14001; References; 10. Summary 10.1. Introduction

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#### Sommario/riassunto

Over the years, companies have developed independent systems for managing process safety, environment, health, safety, and quality. Many aspects of these management systems are similar. Integrating EHS management systems can yield economies and improved system effectiveness. This book explains how integration reduces cost of delivery through a reduction in the number of management program steps and avoidance of redundancy; how it results in more effective programs, since the best practices can be combined into a single process; and how this integration brings a faster, and more cost effective

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