

1. Record Nr.	UNINA9910829973403321
Titolo	Guidelines for integrating process safety management, environment, safety, health, and quality [[electronic resource]]
Pubbl/distr/stampa	New York, : Center for Chemical Process Safety of the American Institute of Chemical Engineers, c1996
ISBN	1-282-78322-X 9786612783227 0-470-93511-1 1-59124-602-4 0-470-93510-3
Descrizione fisica	1 online resource (196 p.)
Disciplina	660.0684 660.2804 660/.068/4
Soggetti	Chemical engineering - Safety measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 167-168) and index.
Nota di contenuto	Guidelines for: Integrating Process Safety Management, Environment, Safety, Health, and Quality; Contents; Preface; Acknowledgments; Glossary and Acronyms; 1. Introduction; 1.1. The Need for Integration; 1.2. Purpose of Guidelines; 1.3. Scope of Guidelines; 1.4. Approach Used in Guidelines; 1.5. Use of ISO 9000 Standards; 1.6. Exclusions to Scope; 1.7. Intended Audience for Guidelines; References; 2. Securing Support and Preparing for Implementation; 2.1. The Need for Securing Support; 2.2 Identifying Who Will Benefit from Integration; 2.3. Prepare a Preliminary Simplified Plan 2.4. Management Processes2.5. Make Sure to Cover All Potential Benefits and Concerns; 2.6. Mission Statement and Goals; 2.7. Define Scope of Work and Approach; 2.8. Selecting Your Integration Team; 2.9. Project Status; References; 3. Assessment of Existing Management Systems; 3.1. The Need for Assessing Existing Management Systems; 3.2. Assess Likely Support or Opposition to Integration; 3.3. Inventory and Assess All PSM, ESH, and Quality Management Programs and

Elements; 3.4. Mapping the Management Processes; 3.5. Redesigning the Management Systems; 3.6. Update the Implementation Plan
References
Attachment 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 Baldrige National Quality Award; 9.4. European Quality Award; 9.5. Deming Quality System; 9.6. ISO 14001; References; 10. Summary
10.1. Introduction

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
