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Nota di contenuto	Guidelines for the Management of Change for Process Safety; CONTENTS; Preface; Acknowledgements; Items on the CD Accompanying These Guidelines; List of Tables; List of Figures; Acronyms and Abbreviations; Glossary; Executive Summary; 1 INTRODUCTION; 1.1 Historical Perspective; 1.2 Management of Change Element Overview; 1.3 Motivations for MOC; 1.3.1 Internal Motivations; 1.3.2 Industry Initiatives; 1.3.3 Regulatory Influences; 1.3.4 Quality Initiatives; 1.4 Commitment Required for Effective MOC Systems; 1.5 Organization and Use of These Guidelines; 2 RELATIONSHIP TO RISK-BASED PROCESS SAFETY 2.1 Basic Concepts and Definitions2.1.1 Process Safety and Risk; 2.1.2 Management Systems; 2.1.3 Life Cycles of Processes and Management Systems; 2.1.4 Responses to Management System Problems; 2.2 Overview of the RBPS System; 2.2.1 Risk-based Management System Approach; 2.2.2 Risk Based Process Safety Elements; 2.2.3 RBPS System Design Hierarchy; 2.2.4 Key Principles and Essential Features of MOC

Systems; 2.2.5 Interaction among MOC and Other RBPS Elements; 3 DESIGNING AN MOC SYSTEM; 3.1 Establishing Terminology; 3.2 Determining the Implementation Context; 3.2.1 Life-cycle Application 3.2.2 Considerations for MOC Systems in Non-traditional Activities3. 2.3 Establishing MOC System Design Parameters; 3.2.4 RBPS Design Criteria; 3.3 Defining Roles and Responsibilities; 3.4 Defining the Scope of the MOC System; 3.4.1 Physical Areas for which MOC Will Be Implemented; 3.4.2 Types of Changes to Be Managed; 3.4.3 Boundaries and Intentional Overlaps with Other Elements; 3.5 Integrating with Other PSM Elements and Existing Company Practices and Programs; 3.6 Requirements for Review and Authorization; 3.7 Guidelines for Key MOC Issues; 3.8 Making an MOC System Easier to Monitor
3.8.1 Designing an MOC System to Make It Easier to Audit3.8.2 Collecting Performance and Efficiency Measurement Indicator Data; 4 DEVELOPING AN MOC SYSTEM; 4.1 Verifying Implementation Context; 4.2 Identifying Potential Change Situations; 4.3 Coordinating the MOC System with Existing Procedures; 4.3.1 Maintenance Work Orders; 4.3.2 Spare Parts Control, Warehousing, and Distribution; 4.3.3 Purchase Requisitions and Suppliers; 4.3.4 Engineering Change Requests; 4.3.5 Research and Development Recommendations; 4.3.6 Company Standards and Specifications
4.4 Establishing RFC Review and Approval Procedures4.5 Developing Guidelines for Key MOC Issues; 4.5.1 Evaluating Hazards; 4.5.2 Communicating Changes or Providing Training; 4.5.3 Tracking Temporary Changes; 4.5.4 Integrating MOC with ORRs and PSSRs; 4.5.5 Allowing Emergency Changes; 4.6 Designing MOC System Documentation; 4.7 Defining Employee Training Requirements; 4.8 Considering How to Modify the MOC System; 4.9 Comparing the MOC System to the Design Specification; 5 IMPLEMENTING AND OPERATING AN MOC SYSTEM; 5.1 Preparing the Site Infrastructure; 5.2 Managing the Culture Change
5.3 Integrating the MOC System with Existing Procedures

Sommario/riassunto

Guidelines for the Management of Change for Process Safety provides guidance on the implementation of effective and efficient Management of Change (MOC) procedures, which can be applied to improve process safety. In addition to introducing MOC systems, the book describes how to design an initial system from scratch, including the scope of the system and the applications over a plant life cycle and the boundaries and overlaps with other process safety management systems. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.