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Autore	Frank Walter L
Titolo	Revalidating process hazard analyses [[electronic resource] /] / Walter L. Frank and David K. Whittle
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ISBN	1-282-78337-8 9786612783371 0-470-93553-7 1-59124-573-7 0-470-93552-9
Descrizione fisica	1 online resource (138 p.)
Collana	CCPS concept book
Altri autori (Persone)	WhittleDavid K
Disciplina	660.2804 660/.2804
Soggetti	Chemical processes - Safety measures Electronic books.
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 and index.
Nota di contenuto	Revalidating Process Hazard Analyses; Contents; Preface; Acknowledgments; Glossary; Acronyms and Abbreviations; Introduction; Why Was This Book Written?; Scope of This Book; The CCPS Workshop; How This Book Is Organized; Chapter 1 Refresher on the Basics; 1.1. What a PHA Is Intended to Accomplish; 1.2. Brief Review of the More Common PHA Methodologies; 1.3. PHA Team Make-up; Chapter 2 Revalidation-What Is It?; 2.1. The Reason for Revalidation; 2.2. Revalidation Objective; 2.3. Revalidation Concept; 2.4. Establishing the Revalidation Schedule; 2.5. The Role of a Revalidation Procedure Chapter 3 Preparing for the Revalidation Study3.1. Preplan the Revalidation; 3.1.1. Establishing the Scope of the Revalidation; 3.1.2. Selection of Team Members; 3.1.3. Scheduling-Estimating Time and Resources; 3.2. Identify, Collect, and Prepare Needed Information; 3.2.1. Determining Information Requirements; 3.2.2. Distribution of information; 3.3. Review and Analyze Information; 3.3.1. Prior PHA Report@) and Related Documentation; 3.3.2. Resolution Completion

Report for Prior PHA Recommendations; 3.3.3. MOC and PSSR Documentation; 3.3.4. PSM System Audit Results
3.3.5. Incident and Near-Miss Reports3.3.6. Piping and Instrument Diagrams (P&IDs); 3.3.7. Operating Procedures; Chapter 4 Evaluating the Prior PHA Study; 4.1. Evaluation of the PHA with Respect to Essential Criteria; 4.1.1. PHA Rigor; 4.1.2. Methodology Used; 4.1.3. Team Make-up; 4.1.4. Documentation; 4.1.5. Drawing the Conclusions; 4.2. Evaluation of PHA Quality and Completeness; 4.3. Other Considerations; 4.4. Common Problems with PHAs; Chapter 5 Identifying Changes That Have Occurred Since the Prior PHA; 5.1. Logging the Identified Changes; 5.2. Documented and Controlled Changes
5.2.1. MOC and PSSR Review5.2.2. P&ID Comparison; 5.2.3. Procedure Reviews; 5.2.4. PHA and Incident Investigation Recommendations; 5.3. Undocumented and Uncontrolled Changes; 5.3.1. Interviews of Facility Personnel; 5.3.2. Maintenance Records; 5.3.3. Purchase Specifications and Records; 5.3.4. Incident Investigation Reports; 5.3.5. PSM Program Audits; Chapter 6 Identifying an Appropriate Revalidation Methodology; 6.1. Revalidation Options; 6.1.1. Update and Revalidate; 6.1.2. Retrofit, Update, and Revalidate; 6.1.3. Redo; 6.2. Selecting the Revalidation Options
Chapter 7 Conducting the Revalidation Study Sessions7.1. Team Training; 7.2. Application of Revalidation Methodology; 7.3. Special Topics; 7.3.1. Staying Productive; 7.3.2. Facility (or Stationary Source) Siting; 7.3.3. Human Factors; 7.3.4. Wrap-up Discussions; Chapter 8 Documenting the Revalidation Study; 8.1. Documentation Approaches; 8.2. Report and Its Content; 8.3. Recommendation Follow-Up; 8.4. Records Retention and Distribution; Appendix A Federal Regulatory Requirements; Appendix B Essential Criteria Checklist; Appendix C PHA Quality and Completeness Checklist
Appendix D Example Change Summary Worksheet

Sommario/riassunto

The foundation of any successful process safety program is a current set of process hazard analyses (PHAs) for each of its processes. Revalidating PHAs to keep them up to date and applicable is a must. This book is derived from the experience of many companies in the chemical and hydrocarbon processing industries, and presents demonstrated, concise, and common sense approaches for a resource-effective revalidation of PHAs. It includes flowcharts, checklists, and worksheets that provide invaluable assistance to the revalidation process.

2. Record Nr. UNINA9910955520003321

Titolo	Biological treatment of solid waste : enhancing sustainability / / edited by Elena Cristina Rada, PhD
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ISBN	0-429-15571-9 1-77188-280-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (302 p.)
Disciplina	628.3/5 628.35
Soggetti	Sewage - Purification - Biological treatment Soil microbiology Compost
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 at the end of each chapters.
Nota di contenuto	part 1. Microbial technologies -- part 2. Composting -- part 3. Biodrying.
Sommario/riassunto	This title includes a number of Open Access chapters. Intended for a wide audience ranging from engineers and academics to decision-makers in both the public and private sectors, Biological Treatment of Solid Waste: Enhancing Sustainability reviews several technologies that help communities manage solid waste sustainably, while at the same time gen