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""4.7 Recommendations/Actions""""4.8 Recording""; ""4.9 Continuing and Completing the Analysis""; ""4.10 An Illustration of the HAZOP Study Process""; ""5 Organizing a HAZOP Study""; ""5.1 Defining the Scope and Objectives of the Study and Establishing the Boundaries""; ""5.2 Appointing a Team Leader and Selecting the Team""; ""5.2.1 The Team Leader/Facilitator""; ""5.2.2 Scribe (Scribe/Recorder)""; ""5.2.3 Team Size and Membership""; ""5.3 Preparation""; ""5.3.1 Continuous Processes""; ""5.3.2 Batch Processes and Sequential Operations""; ""5.3.3 HAZOP Study of a Procedure""
 ""6 Carrying Out a Study""""6.1 Premeeting with Client""; ""6.2 Planning the Meetings""; ""6.3 The Study Meetings""; ""6.3.1 The Initial Meeting""; ""6.3.2 The Detailed HAZOP Study Meetings""; ""6.4 Coordinating and Reviewing Responses""; ""6.5 Completing and Signing Off the Report (s)""; ""6.6 Follow-Up of Actions and Management of Change""; ""7 Recording and Auditing""; ""7.1 Background Information""; ""7.2 Section Headings""; ""7.3 The Recording Format for the Detailed Examination""; ""7.4 The Level of Recording""; ""7.5 The Content""; ""7.6 Computer Recording""
 ""7.7 Auditing a HAZOP Study""""8 Training""; ""8.1 Team Members""; ""8.2 Scribe""; ""8.3 Team Leader""; ""9 Company Procedures for HAZOP Study""; ""10 Advanced Aspects of HAZOP Study""; ""10.1 HAZOP Study of Computer-Controlled Processes""; ""10.1.1 Hazard Study 2""; ""10.1.2 Functional Safety and IEC 61508""; ""10.1.3 Enhanced HAZOP for Computer-Controlled Systems""; ""10.1.4 Computer HAZOP (CHAZOP) Study""; ""10.1.4.1 Detailed Study of Computer Hardware""; ""10.1.4.2 Detailed HAZOP of Computer Sequences""; ""10.2 Human Factors""; ""10.3 Linking HAZOP Studies to LOPA""
 ""11 Specific Applications of HAZOP""

Sommario/riassunto

HAZOP: Guide to Best Practice, 3rd Edition describes and illustrates the HAZOP study method, highlighting a variety of proven uses and approaches. This updated edition brings additional experience with which to assist the reader in delivering optimum safety and efficiency of performance of the HAZOP team. HAZOP is the most widely-used technique in the process industries for the identification of hazards and the planning of safety measures. This book explains how to implement HAZOP techniques in new facilities and apply it to existing facilities. The content covers many of the possible applications of HAZOP and takes you through all the stages of a study. This simple, easily digestible book is a favorite in the chemical and process industries. A concise and clear guide to the do's and don'ts in HAZOP New edition brings additional experience to help you deliver optimum safety and efficiency of performance. Updated material includes a section on HAZOP study of a procedure with a detailed example, new sections on pre-meeting with the client auditing a study, human factors and linking HAZOP study to LOPA. A section on start-up and shutdown has been added to the chapter on specific applications of HAZOP.