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Nota di contenuto	Title Page; Copyright Page; Contents; Preface; About the Author; Chapter 1 Safety Assurance and Assessment; Introduction to Safety, Health, and Environment Management; 1.1 Importance of Safety; 1.2 Basic Terminologies in HSE; 1.2.1 What Is Safety?; 1.2.2 Why Is Safety Important?; 1.3 Importance of Safety in Offshore and PetroleumIndustries; 1.4 Objectives of HSE; 1.5 Scope of HSE Guidelines; 1.6 Need for Safety; 1.7 Organizing Safety; 1.7.1 Ekofisk B Blowout; 1.7.2 Enchova Blowout; 1.7.3 West Vanguard Gas Blowout; 1.7.4 Ekofisk A Riser Rupture; 1.7.5 Piper A Explosion and Fire; 1.8 Risk 1.9 Safety Assurance and Assessment 1.10 Frank and Morgan Logical Risk Analysis; 1.11 Defeating Accident Process; 1.12 Acceptable Risk; 1.13 Risk Assessment; 1.13.1 Hazard Identification; 1.13.2 Dose-Response Assessment; 1.13.3 Exposure Assessment; 1.13.4 Risk Characterization; 1.14 Application Issues of Risk Assessment; 1.15 Hazard Classification and Assessment; 1.15.1 Hazard Identification; 1.15.2 Hazard Identification Methods; 1.16 Hazard Identification During Operation (HAZOP); 1.16.1 HAZOP Objectives; 1.16.2 Common

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1.17 Steps in HAZOP 1.18 Backbone of HAZOP; 1.19 HAZOP Flowchart; 1.20 Full Recording Versus Recording by Exception; 1.21 Pseudo Secondary Words; 1.22 When to Do HAZOP?; 1.22.1 Types of HAZOP; 1.23 Case Study of HAZOP: Example Problem of Group Gathering Station; 1.24 Accidents in Offshore Platforms; 1.24.1 Sleipner A Platform; 1.24.2 Thunder Horse Platform; 1.24.3 Timor Sea Oil Rig; 1.24.4 Bombay High North in Offshore Mumbai; 1.25 Hazard Evaluation and Control; 1.25.1 Hazard Evaluation; 1.25.2 Hazard Classification; 1.25.3 Hazard Control; 1.25.4 Monitoring; Exercises 1; Model Paper
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2.13.1 Ecological Monitoring Stages