1. Record Nr. UNINA9910136421503321 Autore Chandrasekaran Srinivasan **Titolo** Health, safety and environmental management in offshore and petroleum engineering / / Srinivasan Chandrasekaran Chichester, West Sussex, United Kingdom:,: Wiley,, 2016 Pubbl/distr/stampa **ISBN** 1-119-22143-9 1-119-22142-0 Edizione [First edition.] Descrizione fisica 1 online resource (255 p.) Collana THEi Wiley ebooks Disciplina 622/.8Soggetti Offshore structures - Safety measures Offshore structures - Risk assessment Petroleum engineering - Safety measures Petroleum engineering - Risk assessment Petroleum in submerged lands - Environmental aspects Natural gas in submerged lands - Environmental aspects 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 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;

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