
Drilling Rig Safety Topics

Design Criteria for Drill Rigs

Oil & Gas Journal

Drilling and Foundation Equipment. Safety. Mobile Drill Rigs for Civil and Geotechnical Engineering, Quarrying and Mining

Environmental and Health Issues in Unconventional Oil and Gas Development

Cargo Preference

Occupational Exposure to Antimony

New Tools, Old Tasks

Petroleum Age

Mobile Drilling Rig Safety Check Log

Safety Requirements for Drilling Operations in a Hydrogen Sulfide Environment

Macondo Well Deepwater Horizon Blowout

Job Safety & Health Quarterly

National Petroleum News

OSHA Technical Manual

Health and Safety Guide for Oil and Gas Well Drilling and Servicing

Safety on the Rig

IADC Drilling Manual

NHI Training Catalog

The Dictionary of Maritime

Drilling Rig Safety Inspection Checklist

Process Safety for Engineers

The Oil Weekly

NHI Catalog

International Safety Rating System Rotary Drilling Rig Physical Conditions Guide

The Drilling Manual

Drilling Engineering Handbook

Hydraulic Rig Technology and Operations

Safety tips for underground coal mining

Offshore Well Completion and Stimulation

Offshore Safety Management

Comprehensive Safety Recommendations for Land-based Oil and Gas Well Drilling

API Recommended Practices for Occupational Safety and Health for Oil and Gas Well Drilling and Servicing Operations

Drilling Rig Safety Inspection Checklist

Oil Bulletin

Mobile Drilling Rig Safety Check Log

Drilling Machine Safety Checklist

Selected Occupational Fatalities Related to Oil/gas Well Drilling Rigs as Found in Reports of OSHA Fatality/catastrophe Investigations

Basic Offshore Safety

VANESSA LAYLA

Design Criteria for Drill Rigs Petroleum Extension Service
The blowout of the Macondo well on April 20, 2010, led to enormous consequences for the individuals involved in the drilling operations, and for their families. Eleven workers on the Deepwater Horizon drilling rig lost their lives and 16 others were seriously injured. There were also enormous consequences for the companies involved in the drilling operations, to the Gulf of Mexico environment, and to the economy of the region and beyond. The flow continued for nearly 3 months before the well could be completely killed, during which time, nearly 5 million barrels of oil spilled into the gulf. Macondo Well-Deepwater Horizon Blowout examines the causes of the blowout and provides a series of recommendations, for both the oil and gas industry and government regulators, intended to reduce the likelihood and impact of any future losses of well control during offshore drilling. According to this report, companies involved in offshore drilling should take a "system safety" approach to anticipating and managing possible dangers at every level of operation-from ensuring the integrity of wells to designing blowout preventers that function under all foreseeable conditions-in order to reduce the risk of another accident as catastrophic as the Deepwater Horizon explosion and oil spill. In addition, an enhanced regulatory approach should combine strong industry safety goals with mandatory oversight at critical points during drilling operations. Macondo Well-Deepwater Horizon Blowout discusses ultimate responsibility and accountability for well integrity and safety of offshore equipment, formal system safety education and training of personnel engaged in offshore drilling, and guidelines that should be established so that well designs incorporate protection against the various credible risks associated with the drilling and abandonment process. This book will be of interest to professionals in the oil and gas industry, government decision makers, environmental advocacy groups, and others who seek an understanding of the processes involved in order to ensure safety

in undertakings of this nature.

Oil & Gas Journal Routledge

Used by the OSH Administration's compliance officers as a reference for technical information on safety and health issues, this manual enables both business and industry to evaluate their own facilities for compliance with the Occupational Safety and Health Act. The manual features all compliance and regulatory revisions issued by the Occupational Safety and Health Administration, effective January 20, 1999, and covers such topics as sampling and measurement methods, health hazards, construction operations, health care facilities, ergonomics, and personal protective equipment.

Drilling and Foundation Equipment. Safety. Mobile Drill Rigs for Civil and Geotechnical Engineering, Quarrying and Mining CRC Press

Comprehensive insight into the offshore oil and gas industry for those intending to choose it as a career Full syllabus coverage for OPITO BOSIET, FOET, MIST and IMIST courses Produced in full colour with over 180 images Basic Offshore Safety covers everything that newcomers to the offshore oil and gas industry need to know prior to travelling offshore or when attending OPITO's Basic Offshore Safety Induction and Emergency Training (BOSIET), Minimum Industry Safety Training (MIST), Further Offshore Emergency Training (FOET) and International MIST courses. Primarily focused on the oil industry, this book introduces readers to the key safety topics in the offshore support vessel industry and common to the renewable industry. Written in easy to follow steps and including references to both the legislation and guidance where relevant, Abdul Khalique walks the reader through the hazards they are likely to encounter when travelling to, from or working offshore, showing how to minimise risks and deal with any issues that may arise at any stage of the work.

Environmental and Health Issues in Unconventional Oil and Gas Development Springer Science & Business Media

The book makes the case for process safety and provides a brief overview of the upstream industry and of CCPS Risk Based Process Safety. The majority of the book focuses on the concepts of implementing process safety in wells, onshore, offshore, and

projects. Topics include Overview of Upstream Operations; Overview of Risk Based Process Safety (RBPS); Application of RBPS in Drilling, Completions, Work-Overs & Interventions, Application of RBPS in Onshore Production, Application of RBPS in Offshore Production, Application of RBPS to Engineering Design, Installation, and Construction, Future Developments in the Field Cargo Preference CRC Press

Blank Drilling Machine Checklist Get Your Copy Today! Large Size 8.5 inches by 11 inches Enough Space for writing Include sections for: Year Month Rig Name Drill Rig Type Make Model Location Contractor's Name Phone Number and Email Drilling Crew Service Technician Inspector's Name Signature and Date Buy One Today and have a record of your Drilling Machine Inspection

Occupational Exposure to Antimony Ashgate Publishing, Ltd.

An Invaluable Reference for Members of the Drilling Industry, from Owner-Operators to Large Contractors, and Anyone Interested In Drilling Developed by one of the world's leading authorities on drilling technology, the fifth edition of The Drilling Manual draws on industry expertise to provide the latest drilling methods, safety, risk management, and management practices, and protocols. Utilizing state-of-the-art technology and techniques, this edition thoroughly updates the fourth edition and introduces entirely new topics. It includes new coverage on occupational health and safety, adds new sections on coal seam gas, sonic and coil tube drilling, sonic drilling, Dutch cone probing, in hole water or mud hammer drilling, pile top drilling, types of grouting, and improved sections on drilling equipment and maintenance. New sections on drilling applications include underground blast hole drilling, coal seam gas drilling (including well control), trenchless technology and geothermal drilling. It contains heavily illustrated chapters that clearly convey the material. This manual incorporates forward-thinking technology and details good industry practice for the following sectors of the drilling industry: Blast Hole Environmental Foundation/Construction Geotechnical Geothermal Mineral Exploration Mineral Production and Development Oil and Gas: On-shore Seismic Trenchless Technology Water Well The Drilling Manual, Fifth Edition provides you with the most thorough

information about the "what," "how," and "why" of drilling. An ideal resource for drilling personnel, hydrologists, environmental engineers, and scientists interested in subsurface conditions, it covers drilling machinery, methods, applications, management, safety, geology, and other related issues.

New Tools, Old Tasks John Wiley & Sons

Hydraulic Rig Technology and Operations delivers the full spectrum of topics critical to running a hydraulic rig. Also referred to as a snubbing unit, this single product covers all the specific specialties and knowledge needed to keep production going, from their history, to components and equipment. Also included are the practical calculations, uses, drilling examples, and technology used today. Supported by definitions, seal materials and shapes, and Q&A sections within chapters, this book gives drilling engineers the answers they need to effectively run and manage hydraulic rigs from anywhere in the world. Presents the full range of hydraulic machinery in drilling engineering, including basic theory, calculations, definitions and name conventions Helps readers gain practical knowledge on day-to-day operations, troubleshooting, and decision-making through real-life examples Includes Q&A quizzes that help users test their knowledge

Petroleum Age National Academies Press

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Mobile Drilling Rig Safety Check Log Entropol

This text discusses factors such as mast overload, capacity of drawworks, and deviation in the hole to be drilled and the strata to be drilled. An omnibus approach to drilling techniques and problems is adopted.

Safety Requirements for Drilling Operations in a Hydrogen Sulfide Environment Gulf Professional Publishing

Your Compass to Maritime Mastery As boundless as the oceans, the field of maritime studies has charted the course of human civilization for centuries. It's an ever-evolving realm where the waves of change constantly reshape the contours of knowledge. In this expansive sea of understanding, having a reliable compass is indispensable. The Dictionary of Maritime, with its compendium

of 4,645 meticulously curated entries, aims to be that navigational aid guiding enthusiasts, professionals, and scholars alike through the complex waters of maritime terminology. Our journey begins at the shores of basic nautical terms, ventures through the straits of maritime law, navigates the currents of naval architecture, and explores the depths of oceanography. Each entry within this dictionary is akin to a nautical star, guiding readers through the dense fog of maritime jargon towards the clarity of comprehension. The Dictionary of Maritime is far more than a mere collection of definitions; it's a lighthouse illuminating the path for those sailing the tumultuous seas of maritime studies. Whether you are a seasoned mariner, a maritime law scholar, a naval architect, or an oceanography student, this dictionary is designed to bridge the gap between the arcane and the understood, between obscurity and clarity. This book is not merely a passive repository of maritime terms but an active engagement with the rich tapestry of maritime knowledge. Each term, each phrase is a portal into a vast world that has shaped, and continues to shape, the course of human history. The terms encapsulated within these pages are buoy markers on your journey through the expansive waters of maritime understanding. Our endeavor is to foster a shared lexicon, a common ground of understanding that can enhance communication, collaboration, and comprehension across the myriad sectors within the maritime domain. By doing so, we aspire to contribute to the safety, efficiency, and evolution of the maritime world. As you delve into the pages of The Dictionary of Maritime, you are embarking on a voyage of discovery. Each term you encounter is a nautical mile on your journey towards a deeper understanding of the world that lies beyond the horizon. We invite you to hoist the sails of curiosity and let the winds of knowledge guide you through the enlightening pages of The Dictionary of Maritime. May your quest for understanding be as boundless as the oceans and may your exploration through these entries chart a course towards a lifetime of learning in the maritime realm.

Macondo Well Deepwater Horizon Blowout Elsevier

While the public is generally aware of the use of hydraulic fracturing for unconventional resource development onshore, it is less familiar with the well completion and stimulation technologies used in offshore operations, including hydraulic fracturing, gravel packs, "fracpacks," and acid stimulation. Just as

onshore technologies have improved, these well completion and stimulation technologies for offshore hydrocarbon resource development have progressed over many decades. To increase public understanding of these technologies, the National Academies of Sciences, Engineering, and Medicine established a planning committee to organize and convene a workshop on Offshore Well Completion and Stimulation: Using Hydraulic Fracturing and Other Technologies on October 2-3, 2017, in Washington, DC. This workshop examined the unique features about operating in the U.S. offshore environment, including well completion and stimulation technologies, environmental considerations and concerns, and health and safety management. Participants from across government, industry, academia, and nonprofit sectors shared their perspectives on operational and regulatory approaches to mitigating risks to the environment and to humans in the development of offshore resources. This publication summarizes the presentations and discussions from the workshop.

Job Safety & Health Quarterly John Wiley & Sons

Drilling rigs, Boring equipment (earthworks), Excavating equipment, Earth-moving equipment, Equipment safety, Hazards, Safety measures, Control devices, Control systems, Stability, Verification, Design calculations, Braking systems, Fire safety, Design, Marking, Handbooks, Instructions for use, Maintenance, Noise (environmental), Acoustic measurement, Sounding equipment, Control equipment

National Petroleum News National Academies Press

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OSHA Technical Manual William Andrew

Environmental and Health Issues in Unconventional Oil and Gas Development offers a series of authoritative perspectives from varied viewpoints on key issues relevant in the use of directional drilling and hydraulic fracturing, providing a timely presentation of requisite information on the implications of these technologies for those connected to unconventional oil and shale gas development. Utilizing expertise from a range of contributors in

academia, non-governmental organizations, and the oil and gas industry, Environmental and Health Issues in Unconventional Oil and Gas Development is an essential resource for academics and professionals in the oil and gas, environmental, and health and safety industries as well as for policy makers. Offers a multi-disciplinary appreciation of the environmental and health issues related to unconventional oil and shale gas development Serves as a collective resource for academics and professionals in the oil and gas, environmental, health, and safety industries, as well as environmental scientists and policymakers Features a diverse and expert group of chapter authors from academia, non-governmental organizations, governmental agencies, and the oil and gas industry

Health and Safety Guide for Oil and Gas Well Drilling and Servicing Government Institutes

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Safety on the Rig

This series covers the entire scope of rotary drilling operations in five units of technical information and review questions. These units are published in cooperation with the International Association of Drilling Contractors. In some cases, previous editions are available in Spanish, while supplies last, for \$14. Open-book comprehensive tests covering Units I, II, III, and V of the Rotary Drilling Series are available. One of the most important concerns on any rig is safety. This completely rewritten and comprehensive book reviews the many types of readiness and prevention of hazardous situations. Safety on the Rig identifies appropriate employee behavior while on the rig, the many pieces of safety equipment, safe transportation to and from a rig, hand and power-tool safety, operations and equipment, first aid, and the proper response to an emergency. Many illustrations, a

complete glossary, and review questions and answers are also provided.

IADC Drilling Manual

This book presents the fundamental principles of drilling engineering, with the primary objective of making a good well using data that can be properly evaluated through geology, reservoir engineering, and management. It is written to assist the geologist, drilling engineer, reservoir engineer, and manager in performing their assignments. The topics are introduced at a level that should give a good basic understanding of the subject and encourage further investigation of specialized interests. Many organizations have separate departments, each performing certain functions that can be done by several methods. The reentering of old areas, as the industry is doing today, particularly emphasizes the necessity of good holes, logs, casing design, and cement job. Proper planning and coordination can eliminate many mistakes, and I hope the topics discussed in this book will play a small part in the drilling of better wells. This book was developed using notes, comments, and ideas from a course I teach called "Drilling Engineering with Offshore Considerations." Some "rules of thumb" equations are used throughout, which have proven to be helpful when applied in the proper perspective. The topics are presented in the proper order for carrying through the drilling of a well.

NHI Training Catalog

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The Dictionary of Maritime

New Tools, Old Tasks explores how Integrated Operations (IO) will influence the safety of offshore drilling operations. The book is based on several years of practical experience combined with a

research study on the safety of IO within the drilling domain. The overall objective of the book is to explore how safety can be understood in the change process of Integrated Operations, and to provide recommendations for how IO may be developed and implemented in a way that will benefit both safety and efficiency of the operations. A crucial thread throughout the book is that the understanding of normal work processes is key to understanding the conditions for safe operations. This is reflected in the book's structure and content; the nature of normal drilling operations is the focus, including how technologies and work processes are aligned to meet the dominating challenges of the industry (these challenges need not be directly linked to safety/risk). It is argued that the influence of IO on the safety of drilling operations depends more on how IO relates to the existing fundamental challenges of drilling operations than on the design and properties of the different IO technologies and work processes as such.

Drilling Rig Safety Inspection Checklist

Process Safety for Engineers Familiarizes an engineer new to process safety with the concept of process safety management In this significantly revised second edition of Process Safety for Engineers: An Introduction, CCPS delivers a comprehensive book showing how Process Safety concepts are used to reduce operational risks. Students, new engineers, and others new to process safety will benefit from this book. In this updated edition, each chapter begins with a detailed incident case study, provides steps that help address issues, and contains problem sets which can be assigned to students. The second edition covers: Process Safety: including an overview of CCPS' Risk Based Process Safety Hazards: specifically fire and explosion, reactive chemical, and toxicity Design considerations for hazard control: including Hazard Identification and Risk Analysis Management of operational risk: including management of change In addition, the book presents how Process Safety performance is monitored and sustained. The associated online resources are linked to the latest online CCPS resources and lectures.