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#### 200 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE OIL & GAS RIGS

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*Petrogav International The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 200 questions and answers for job interview and as a BONUS web addresses to 230 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.*

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#### 150 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE OIL & GAS RIGS

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#### OFFSHORE OIL & GAS PLATFORMS JOB INTERVIEW

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#### PRODUCTION COURSE FOR HIRING ON OFFSHORE OIL AND GAS RIGS

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*Petrogav International This course provides a non-technical overview of the phases, operations and terminology used on offshore oil and gas rigs. It is intended also for non-production personnel who work in the offshore drilling, exploration and production industry. This includes marine and logistics personnel, accounting, administrative and support staff, environmental professionals, etc. No prior experience or knowledge of drilling operations is required. This course will provide participants a better understanding of the issues faced in all aspects of production operations, with a particular focus on the unique aspects of offshore operations.*

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#### TRAINING FOR JOB INTERVIEW OFFSHORE OIL & GAS RIGS

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#### HOW TO BE PREPARED FOR JOB INTERVIEW OFFSHORE OIL & GAS PLATFORMS

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## **JOB INTERVIEW QUESTIONS AND ANSWERS FOR HIRING ON OFFSHORE OIL AND GAS RIGS**

Petrogav International Petrogav International provides courses for participants that intend to work on offshore drilling and production platforms. Training courses are taught by professionals from the oil and gas industry with current knowledge and years of field experience. The participants will get all the necessary competencies to work on the offshore drilling platforms and on the offshore production platforms. It is intended also for non-drilling and non-production personnel who work in drilling, exploration and production industry. This includes marine and logistics personnel, accounting, administrative and support staff, environmental professionals, etc. This course provides a non-technical overview of the phases, operations and terminology used on offshore oil and gas platforms. It is intended also for non-production personnel who work in the offshore drilling, exploration and production industry. This includes marine and logistics personnel, accounting, administrative and support staff, environmental professionals, etc. No prior experience or knowledge of drilling operations is required. This course will provide participants a better understanding of the issues faced in all aspects of production operations, with a particular focus on the unique aspects of offshore operations.

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## **150 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE DRILLING RIGS**

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## **273 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE DRILLING RIGS**

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## **100 QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE DRILLING PLATFORMS**

Petrogav International This book offers you a brief, but very involved look into the operations in the drilling of an oil & gas wells that will help you to be prepared for job interview at oil & gas companies. From start to finish, you'll see a general prognosis of the drilling process. If you are new to the oil & gas industry, you'll enjoy having a leg up with the knowledge of these processes. If you are a seasoned oil & gas person, you'll enjoy reading what you may or may not know in these pages. This course provides a non-technical overview of the phases, operations and terminology used on offshore drilling platforms. It is intended also for non-drilling personnel who work in the offshore drilling, exploration and production industry. This includes marine and logistics personnel, accounting, administrative and support staff, environmental professionals, etc. No prior experience or knowledge of drilling operations is required. This course will provide participants a better understanding of the issues faced in all aspects of drilling operations, with a particular focus on the unique aspects of offshore operations.

## **JOB INTERVIEW QUESTIONS AND ANSWERS FOR HIRING ON ONSHORE DRILLING RIGS**

Petrogav International The book contains 256 questions and answers for job interview for hiring on onshore drilling rigs.

## **POUNDER'S MARINE DIESEL ENGINES AND GAS TURBINES**

Butterworth-Heinemann Pounder's Marine Diesel Engines and Gas Turbines, Tenth Edition, gives engineering cadets, marine engineers, ship operators and managers insights into currently available engines and auxiliary equipment and trends for the future. This new edition introduces new engine models that will be most commonly installed in ships over the next decade, as well as the latest legislation and pollutant emissions procedures. Since publication of the last edition in 2009, a number of emission control areas (ECAs) have been established by the International Maritime Organization (IMO) in which exhaust emissions are subject to even more stringent controls. In addition, there are now rules that affect new ships and their emission of CO2 measured as a product of cargo carried. Provides the latest emission control technologies, such as SCR and water scrubbers Contains complete updates of legislation and pollutant emission procedures Includes the latest emission control technologies and expands upon remote monitoring and control of engines

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**AIRCRAFT PROPULSION AND GAS TURBINE ENGINES**

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CRC Press The escalating use of aircraft in the 21st century demands a thorough understanding of engine propulsion concepts, including the performance of aero engines. Among other critical activities, gas turbines play an extensive role in electric power generation, and marine propulsion for naval vessels and cargo ships. In the most exhaustive volume to date, this text examines the foundation of aircraft propulsion: aerodynamics interwoven with thermodynamics, heat transfer, and mechanical design. With a finely focused approach, the author devotes each chapter to a particular engine type, such as ramjet and pulsejet, turbojet, and turbofan. Supported by actual case studies, he illustrates engine performance under various operating conditions. Part I discusses the history, classifications, and performance of air breathing engines. Beginning with Leonardo and continuing on to the emergence of the jet age and beyond, this section chronicles inventions up through the 20th century. It then moves into a detailed discussion of different engine types, including pulsejet, ramjet, single- and multi-spool turbojet, and turbofan in both subsonic and supersonic applications. The author discusses Vertical Take Off and Landing aircraft, and provides a comprehensive examination of hypersonic scramjet and turbo ramjet engines. He also analyzes the different types of industrial gas turbines having single- and multi-spool with intercoolers, regenerators, and reheaters. Part II investigates the design of rotating compressors and turbines, and non-rotating components, intakes, combustion chambers, and nozzles for all modern jet propulsion and gas turbine engine systems, along with their performance. Every chapter concludes with illustrative examples followed by a problems section; for greater clarity, some provide a listing of important mathematical relations.

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**OIL AND GAS IN LOUISIANA**

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**WITH A BRIEF SUMMARY OF THEIR OCCURRENCE IN ADJACENT STATES**

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**LLOYD REGISTER OF SHIPPING 1939 SAILING VESSELS**

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Lloyd's Register The Lloyd's Register of Shipping records the details of merchant vessels over 100 gross tonnes, which are self-propelled and sea-going, regardless of classification. Before the time, only those vessels classed by Lloyd's Register were listed. Vessels are listed alphabetically by their current name.

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**DIESEL ENGINE REFERENCE BOOK**

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Butterworth-Heinemann Limited The Diesel Engine Reference Book, Second Edition, is a comprehensive work covering the design and application of diesel engines of all sizes. The first edition was published in 1984 and since that time the diesel engine has made significant advances in application areas from passenger cars and light trucks through to large marine vessels. The Diesel Engine Reference Book systematically covers all aspects of diesel engineering, from thermodynamics theory and modelling to condition monitoring of engines in service. It ranges through subjects of long-term use and application to engine designers, developers and users of the most ubiquitous mechanical power source in the world. The latest edition leaves few of the original chapters untouched. The technical changes of the past 20 years have been enormous and this is reflected in the book. The essentials however, remain the same and the clarity of the original remains. Contributors to this well-respected work include some of the most prominent and experienced engineers from the UK, Europe and the USA. Most types of diesel engines from most applications are represented, from the smallest air-cooled engines, through passenger car and trucks, to marine engines. The approach to the subject is essentially practical, and even in the most complex technological language remains straightforward, with mathematics used only where necessary and then in a clear fashion. The approach to the topics varies to suit the needs of different readers. Some areas are covered in both an overview and also in some detail. Many drawings, graphs and photographs illustrate the 30 chapters and a large easy to use index provides convenient access to any information the readers requires.

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**MARINE DIESEL ENGINES**

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**MARINE AUXILIARY MACHINERY**

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Elsevier Marine Auxiliary Machinery, Seventh Edition is a 16-chapter text that covers the significant advances in marine auxiliary machinery relevant to the certification of competency examinations. The introductory chapters deal with the basic components of marine machineries, such as propulsion system, heat exchanger, valves, and pipelines. The succeeding chapters describe the pumps and pumping system, specifically the tanker and gas carrier cargo pumps. Considerable chapters are devoted to the operation of machinery's major components, including the propeller shaft, steering gear, auxiliary power, bow thrusters, and stabilizers. Other chapters consider the refrigeration, heating, ventilation, and air conditioning systems. The final chapters tackle the safety system of marine auxiliary machinery, particularly the fire protection, safety, instrumentation, and control systems. This book will prove useful to marine and mechanical engineers.

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**"STATIONARY ENGINE" MAGAZINE ON OPEN CRANK RESTORATION**

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**RUSTON-HORNSBY SHP IP**

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**GAS TURBINE PERFORMANCE**

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John Wiley & Sons A significant addition to the literature on gas turbine technology, the second edition of Gas Turbine Performance is a lengthy text covering product advances and technological developments. Including extensive figures, charts, tables and formulae, this book will interest everyone concerned with gas turbine technology, whether they are designers, marketing staff or users.

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**GAS TURBINES FOR ELECTRIC POWER GENERATION**

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Cambridge University Press Everything you wanted to know about industrial gas turbines for electric power generation in one source with hard-to-find, hands-on technical information.

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**TIME & TIDE**

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**TURBINE MAIN ENGINES**

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**THE COMMONWEALTH AND INTERNATIONAL LIBRARY: MARINE ENGINEERING DIVISION**

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Elsevier Turbine Main Engines deals with the principle of operation of turbine main engines. Topics covered include practical considerations that affect turbine design and efficiency; steam turbine rotors, blades, nozzles, and diaphragms; lubricating oil systems; and gas turbines for use with nuclear reactors. Gas turbines for naval boost propulsion, merchant ship propulsion, and naval main propulsion are also considered. This book is divided into three parts and begins with an overview of the basic mode of operation of the steam turbine engine and how it converts the pressure energy of the ingoing steam into equivalent kinetic energy. The second part deals with the principle of operation of marine gas turbines and discusses the effect of pressure and temperature on turbine performance; creep of turbine components; fouling of compressors and turbines; and control systems and protective devices. The final part describes free piston-gas turbine machinery and looks at different types of free piston engine, together with turbine fouling and washing procedure. This monograph will be of interest to mechanical engineers and those involved in turbine operation and design.

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**THE HANDBOOK OF LOGISTICS AND DISTRIBUTION MANAGEMENT**

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Kogan Page Publishers Designed for students, young managers and seasoned practitioners alike, this handbook explains the nuts and bolts of the modern logistics and distribution world in plain language. Illustrated throughout, this second edition includes new chapters on areas previously not covered, such as: intermodal transport; benchmarking; environmental matters; and vehicle and depot security.

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## **INDUSTRIAL GAS TURBINES**

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### **PERFORMANCE AND OPERABILITY**

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*Elsevier Industrial Gas Turbines: Performance and Operability explains important aspects of gas turbine performance such as performance deterioration, service life and engine emissions. Traditionally, gas turbine performance has been taught from a design perspective with insufficient attention paid to the operational issues of a specific site. Operators are not always sufficiently familiar with engine performance issues to resolve operational problems and optimise performance. Industrial Gas Turbines: Performance and Operability discusses the key factors determining the performance of compressors, turbines, combustion and engine controls. An accompanying engine simulator CD illustrates gas turbine performance from the perspective of the operator, building on the concepts discussed in the text. The simulator is effectively a virtual engine and can be subjected to operating conditions that would be dangerous and damaging to an engine in real-life conditions. It also deals with issues of engine deterioration, emissions and turbine life. The combined use of text and simulators is designed to allow the reader to better understand and optimise gas turbine operation. Discusses the key factors in determining the performance of compressors, turbines, combustion and engine controls Explains important aspects of gas and turbine performance such as service life and engine emissions Accompanied by CD illustrating gas turbine performance, building on the concepts discussed in the text*

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### **GAS TURBINE THEORY**

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*Pearson Higher Ed When the First Edition of this book was written in 1951, the gas turbine was just becoming established as a powerplant for military aircraft. It took another decade before the gas turbine was introduced to civil aircraft, and this market developed so rapidly that the passenger liner was rendered obsolete. Other markets like naval propulsion, pipeline compression and electrical power applications grew steadily. In recent years the gas turbine, in combination with the steam turbine, has played an ever-increasing role in power generation. Despite the rapid advances in both output and efficiency, the basic theory of the gas turbine has remained unchanged. The layout of this new edition is broadly similar to the original, but greatly expanded and updated, comprising an outline of the basic theory, aerodynamic design of individual components, and the prediction of off-design performance. The addition of a chapter devoted to the mechanical design of gas turbines greatly enhances the scope of the book. Descriptions of engine developments and current markets make this book useful to both students and practising engineers.*

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### **FORSTHOFFER'S ROTATING EQUIPMENT HANDBOOKS**

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*Elsevier*

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### **AMERICAN GASOLINE ENGINES SINCE 1872**

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*Crestline American Gasoline Engines Since 1872 C.H. Wendel Now available in paperback! An unrivalled collection of photographs and information on engines from Abenague to Yocom, detailing the engines that powered the turn of the century. The only comprehensive volume available on this fascinating subject. American Gas Engines Since 1872 contains a detailed listing of all known US and Canadian manufacturers of stationary and marine engines, plus cross references detailing which manufacturers made which engines. Very highly recommended. Sftbd., 8 1/2x 11,584 pgs., 1, b&w ill.*

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### **POUNDER'S MARINE DIESEL ENGINES**

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#### **AND GAS TURBINES**

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*Elsevier Since its first appearance in 1950, Pounder's Marine Diesel Engines has served seagoing engineers, students of the Certificates of Competency examinations and the marine engineering industry throughout the world. Each new edition has noted the changes in engine design and the influence of new technology and economic needs on the marine diesel engine. This eighth edition retains the directness of approach and attention to essential detail that characterized its predecessors. There are new chapters on monitoring control systems and governor systems, gas turbines and safety aspects of engine operation. Important developments such as the latest diesel-electric LNG carriers that will soon be in operation. After experience as a seagoing engineer with the British India Steam Navigation Company, Doug Woodyard held editorial positions with the Institution of Mechanical Engineers and the Institute of Marine Engineers. He subsequently edited The Motor Ship journal for eight years before becoming a freelance editor specializing in shipping, shipbuilding and marine engineering. He is currently technical editor of Seatrade, a contributing editor to Speed at Sea, Shipping World and Shipbuilder and a technical press consultant to Rolls-Royce Commercial Marine. \* Designed to reflect the recent changes to SQA/Marine and Coastguard Agency Certificate of Competency exams. Careful organisation of the new edition enables readers to access the information they require \* Brand new chapters focus on monitoring control systems and governor systems, gas turbines and safety aspects of engine operation \* High quality, clearly labelled illustrations and figures*

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### **INDUSTRIAL NOISE CONTROL AND ACOUSTICS**

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*CRC Press Compiling strategies from more than 30 years of experience, this book provides numerous case studies that illustrate the implementation of noise control applications, as well as solutions to common dilemmas encountered in noise reduction processes. It offers methods for predicting the noise generation level of common systems such as fans, motors, c*

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### **INTERNAL COMBUSTION PROCESSES OF LIQUID ROCKET ENGINES**

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#### **MODELING AND NUMERICAL SIMULATIONS**

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*John Wiley & Sons This book concentrates on modeling and numerical simulations of combustion in liquid rocket engines, covering liquid propellant atomization, evaporation of liquid droplets, turbulent flows, turbulent combustion, heat transfer, and combustion instability. It presents some state of the art models and numerical methodologies in this area. The book can be categorized into two parts. Part 1 describes the modeling for each subtopic of the combustion process in the liquid rocket engines. Part 2 presents detailed numerical methodology and several representative applications in simulations of rocket engine combustion.*

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### **TIMBER AND WOOD-WORKING MACHINERY**

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