SOLUTIONS
Marine & Offshore

BUREAU VERITAS

TRAINING CATALOGUE – FIND THE RIGHT COURSE FOR YOU!

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WHY TRAIN WITH BV

A world-leading training service providers in the UA& KSA. Over the years, we have developed a suite of training courses, delivered by experienced and competent trainers.

Value of Our Certificates:

The BV Certificate is recognized throughout the world as a mark of expertise, quality and integrity.

Meeting the highest levels of performance and compliance requires the active participation of employees across organizations, from top to bottom, and at local and global levels. Equip your personnel with the right skills and knowledge with Bureau Veritas' wide array of training options.

On- site From on-site and open classroom courses, to e-learning and Virtual Classroom programs, our offer of expert designed and led courses enables you to train your teams effectively, consistently and conveniently.

ISM CODE – REQUIREMENTS AND AUDITING COURSE

ISM Code, the International Safety Management Code was made mandatory through the new chapter IX of the 1994 amendments to the International Convention for the safety of Life at Sea (SOLAS)

The ISM Code in IMO resolutions, recognize the need for appropriate organization of management t enable it to respond the need of those on board ships to achieve and maintain high standards of safety and environmental protection.

The Safety and Environmental protection management system ashore and onboard each ship must be documented and are subject to internal and external audit.

COURSE OBJECTIVES:

- The Requirements of the ISM Code
- Method to conduct a Internal Initial Assessment
- The human element in maritime accidents
- The measurement of the progress
- Method and tools for safety continuous improvement
- The links with STCW convention
- The principles of Verification and Certification
- How to implement and maintain the ISM Code

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ISM CODE – DESIGNATED PERSON AND INTERNAL AUDITOR COURSE

To provide comprehensive training related to the implementation and maintenance of a company's SMS in compliance with the requirements of the ISM Code

This course fulfills the IMO MSC-MEPC.7/ Circ.6 "Guidance on the qualification, training and experience necessary for undertaking the role of the Designated Person under the provisions of the ISM Code

COURSE OBJECTIVES:

- Requirements of the DPA in the 21st century
- Principles of modern management systems
- Knowledge and understanding of the ISM Code
- Handling of mandatory rules and regulations
- Understanding operations of a shipping company
- Assessment techniques
- Technical and operational aspects of safety management
- Requirements for marine-related management system audits
- Ensuring effective communication with shipboard staff and shore management

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ISM CODE – LEAD AUDITOR COURSE

This four-day ISM Maritime Lead Auditor course is designed to provide delegates with the skills needed to conduct an effective external audit of a company's Safety Management System (SMS) against ISO 19011 auditing guidelines.

This ISM Lead Auditor course is highly interactive and allows ample opportunity for delegates to develop and practice the skills required to lead and conduct an effective audit.

Suitable for both seagoing and office-based staff, this course can either be delivered at company premises or an agreed alternative location. Upon successful course completion, the delegate will receive a Bureau Veritas approved training certificate.

COURSE OBJECTIVES:

- Familiarize delegates with the ISM Code and ISO 9001
- Understand how integrated Safety, Quality and Environmental Management systems can be effectively and efficiently audited
- Allow delegates to develop extensive audit planning and preparation skills
- Provide delegates with the opportunity to practice the process of auditing and effective NCR writing
- Allow delegates to practice leading an audit team

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ISPS CODE - AWARENESS TRAINING COURSE

ISPS Code, the International Ship and Port Facility Security Code, is mandatory since July 2004 according to the amendments of Chapter XI-2 of the SOLAS. The objectives of the Code are to be achieved by designation of appropriate officers/personnel on each ship, in each port facility and in each shipping company to prepare and to put into effect the security plans that will be approved for each ship and port facility.

COURSE OBJECTIVES:

- The reasons why ship owners and port facility managers should implement ISPS Code
- The areas of threats in the maritime industry
- The requirements of the ISPS Code
- The responsibilities of the contracting governments
- The obligations of the Company, Company Security Officer (CSO), Ship Security Officer (SSO) and Port Facility Security Officer (PFSO)
- The declaration of security

ISPS CODE – INTERNAL AUDITOR COURSE

Training course providing knowledge and expertise to plan and conduct ISPS audits and verifications. within their shipping companies in accordance with accepted auditing principles

COURSE OBJECTIVES:

- ISM/ISPS/MLC audit and verification requirements
- Common features and differences
- Techniques that contribute to the success of communication processes within audits
- Planning, preparation, performance, recording, reporting and follow-up of audits
- Principles and best practices of harmonized audits and verifications
- Handling of non-conformities including root cause analysis and corrective actions

ISPS CODE - COMPANY SECURITY OFFICER (CSO) & PORT FACILITY SECURITY OFFICER (PFSO)

Following the tragic events of 11th September 2001, the twenty-second session of the Assembly of the International Maritime organization agreed to the development of new measures relating to the security of ships and of port facilities.

The Diplomatic Conference on Maritime Security held in London in December 2002 adopted new provisions in the International Convention for the Safety of life at Sea to enhance maritime security.

ISPS Code, the International Ship and Port Facility Security Code, is mandatory since July 2004 according to the amendments of Chapter XI-2 of the Solas.

The objectives of the Code are to be achieved by designation of appropriate officers/personnel on each ship, in each port facility and in each shipping company to make security assessments and to prepare and to put into effect the security plans that will be approved for each ship and port facility.

COURSE OBJECTIVES:

- The security requirements of the ISPS Code
- Application of ISPS Code to ship security / port facility security
- Major maritime threats
- The threat countermeasures
- Ship security assessment / port facility assessment
- Ship security plans / port facility security plans
- How to implement ISPS Code How to audit the Security Plan on Shipboard

ILO MARITIME LABOUR CONVENTION 2006

Desiring to create a single, coherent instrument embodying as far as possible all up-to-date standards of existing International Maritime Labor Conventions and Recommendations, as well as the fundamental principles to be found in other International Labor Convention, the General Conference of the International Labor Organization (ILO) adopts, in February of 2006, the Maritime Labor Convention, 2006.

Except as expressly provided otherwise, the MLC applies to all seafarers and to all ships whether publicly or privately owned, ordinarily engaged in commercial activities.

COURSE OBJECTIVES:

- Requirements of the ILO MLC

- Links with others Codes, Conventions and Recommendations

- Key factors to the development and the daily existence of the human being

- Various elements and stressors affecting the performance of the crew

- Consequences of the stressors on the personnel and crew

- Identification of the potential risks

- Prevention of the potential risks Liability of the ship owner and the ship operator

ISM ISPS ILO MLC 2006 INTERNAL AUDITOR COURSE

In today's marine industry, it is becoming increasingly common to conduct Integrated Management System Audits against the main maritime codes and conventions.

This three-day course will provide participants with a practical approach to the interpretation and application of the ISM and ISPS Codes, ILO MLC 2006 Convention and the preparation, planning, execution, reporting and follow-up of internal audits for an Integrated Management System.

The course is fully self-contained and no specific knowledge of the ISM and ISPS Codes, ILO MLC 2006, management systems or auditing is assumed or required.

COURSE OBJECTIVES:

- The background, objectives, basic content and interpretation of the ISM Code, ISPS Code and ILO MLC 2006.
- The principles of management systems and continual improvement (the Deming Cycle).
- Risk management basic principles
- The certification process of the ISM Code, ISPS Code and ILO MLC 2006.
- The role and responsibilities of the internal auditor.
- The importance and impact of internal audits in an (integrated) management system.
- Audit techniques and reporting of the audit
- Identification of non-conformities and supporting their resolution.

RISK ASSESSMENT / RISK MANAGEMENT COURSE

Risk management is regularly exercised in the marine industry under the guidance of various codes and standards such as the International Safety Management (ISM) code, Tanker Management and Self Assessment (TMSA) guidelines, International Ship and Port Security (ISPS) code, Formal Safety Assessment (FSA), Shipboard Occupational Health and Safety Programme (SOHSP).

Under constant pressure to understand underlying causes of accidents, incidents, and near-misses, the marine industry has to follow a proactive approach instead of a reactive one in order to find solutions to prevent hazards and to continuously improve from lessons learned.

Risk management is a coordinated set of activities that direct and control an organization with respect to risk.

COURSE OBJECTIVES:

- Why and when is a risk assessment necessary

- Who should participate to the risk assessment

- How to conduct a risk assessment What types of risk assessment methods exist and what tools are necessary

- How to identify hazards, exposure and vulnerability and estimate consequences and risk

INCIDENT – ACCIDENT INVESTIGATION COURSE

Incident and accident investigation is at the core of risk management. In a safety and pollution conscious world the way we operate is constantly changing and so is the management of risk. New technology and management concepts are constantly being introduced into our complex world. We are expected to address safety and environmental issues responsibly, systematically and with transparency. These trends are taking place across all industries throughout the globe and the marine industry is no exception. Operators of marine vessels are more than ever under pressure to understand the underlying causes of incidents/near misses and to learn lessons to avoid recurrences.

To find the root cause(s) the Investigator should be impartial, he should be able to detect and distinguish facts from opinions and he should have the skill not to simply classify an incident as having been caused by "human error" when the underlying causes may be more complex.

COURSE OBJECTIVES:

- Hierarchy and differences between Incident, Accident and Near-misses.

- Why an investigation is necessary (high cost and legal requirements)

- How to prepare and conduct an investigation

- Identification of the Direct causes, Contributing factors and Root causes

- Application of tools for incident and accident analysis

- How to communicate during an interview

- How to report the findings of an investigation

CYBER SECURITY TRAINING COURSE

Today's marine and offshore assets become more remotely accessible and digitally connected, they also become more vulnerable to cyber-attacks.

For these reasons, cybersecurity is now included in International Safety Management (ISM) code training. Ship operators and crew thus must boost their cybersecurity awareness.

BV Solutions M&O provides foundational and advanced training programs. Our first-level course provides essential cyber security awareness training for crew, and a comprehensive set of guidelines to help avoid the most common cyber traps. The second course addresses ship-owner senior management and focuses on how to implement effective cyber risk management.

FRAMEWORK:

With training covering the technical aspects of assets as well as human factors in cybersecurity risk management, vessel crew will be appropriately prepared for possible cybersecurity events.

The training ensures that the people in charge of user manuals are clearly aware of risks, actions, and behaviors to be followed in such events.

TRAIN THE TRAINER COURSE

This 16-hour training course will offer maritime executives and officers the knowledge and skills to design, produce and deliver maritime training programs ashore and onboard ships.

It is a useful tool for maritime professionals of limited training experience.

COURSE OBJECTIVES:

- Training requirements of STCW, SOLAS, MARPOL, ISM, ISPS, ISO 14001, ISO 9001 Codes.
- Training purpose & identifying training needs
- Benefits of training & the learning process
- Architecture, planning and developing courses
- Training methodologies
- Communication & Interpersonal skills
- Assessment & evaluation of training courses.

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MANAGEMENT AND LEADERSHIP COURSE

2 days course offers assisting managers at all levels to review suggested best practices from the industry, adopt them to alleviate their workload and improve their leadership skills

COURSE OBJECTIVES:

- Distinguish each phase of the managerial cycle and act accordingly

- Feel safe with the usage of Key Performance Indicators

- Assess the responsibility and authority levels for the task at hand and act accordingly

- Address all five elements of the managerial cycle and make appropriate decisions

- Apply industry best practices and proven methods to Lead with greater success

- Give orders in a clear and concise manner

- Check work delegation against the "Criteria of Difficulty"

- Assess the motivation or lack of it behind reluctance to undertake work

- Identify the Leadership level their "followers" see them at

- Decide on their future approach to improving their leadership position

- Identify gaps in the company's fleet instruction manuals and propose improvements

- Write goals for future managerial improvements and monitor progress

CORROSION AND COATING BASICS COURSE

An introduction to protective maintenance for Ship Officers, Marine and Technical Department Staff

COURSE OBJECTIVES:

- Diagnose cause of corrosion on damaged areas
- Assess substrate preparation adequacy
- Predict consequences from inadequate substrate preparation
- Compare various coating products and decide on suitability for a specific job
- Calculate amount of material necessary for a job
- Calculate man-hours for a job
- Estimate pot life and curing times related to temperature and humidity
- Decide on how much substrate preparation to do according to available time (voyage or weather restrictions)
- Make significant economy on coating material and work

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UNDER KEEL CLEARANCE FOR ELECTRONIC NAVIGATION CHARTS

Addressing the issues of data quality/zone of confidence, safe draft and confirmed depth. Tidal window calculation.

COURSE OBJECTIVES:

- Calculate UKC with accuracy

- Conduct Risk Assessment studies related to marginal depths

- Update Company policy related to UKC margins and their calculation

- Create observation reports from measurements during approach

- Make safe passage estimates in areas with low data accuracy

- Update passage planning guidelines where necessary

- Take past weather effect, sand waves and tidal variance into account and document them properly

TANKER MANAGEMENT AND SELF ASSESSMENT COURSE

Training Company Staff to make the most of the system and improve Company Score

COURSE OBJECTIVES:

- Become fully conversant with the approach and the rationale of the Program
- Write answers for each element based on the current performance of the company
- Define the Key Performance Indicator for each entry and check achievability
- Review the company SMS and suggest improvements to meet TMSA requirements
- Identify gaps in the company's fleet instruction manuals and propose improvements
- Write goals for future improvements and monitor progress

MANAGING MULTICULTURAL CREWS TRAINING

This course aims to create awareness on Culture and its consequences and the necessary adaptation of communication and leadership styles for more effective on-board management.

COURSE OBJECTIVES:

- Discuss the Cultural Dimensions according to the Hofstede model.
- Reject stereotyping of nationalities and benefit from individual behavioral analysis
- Adapt their communication styles to suit better their leadership styles
- Recognize and explain specific behavior seen in different cultures
- Increase the effectiveness of their delegation
- Motivate their subordinates successfully
- Manage teams onboard efficiently
- Feel better equipped to lead through their cultural understanding

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MANAGEMENT OF CHANGE COURSE

Managing change is a demanding discipline. Changes often are met with reluctance and frustration because of the additional workload and unclear objectives unless they are managed well, are fully supported by the top and executed in such a way that each phase shows solid progress towards the desired goal.

COURSE OBJECTIVES:

- Utilize the proposed structured approach to manage any change that falls under the scope of this discipline

- Create or revise the Company's MoC manual

- Feel safe with the usage of the MoC manual and not shy away from proposing modifications of it

- Assess the responsibility and authority levels for the change at hand

- Address the Risk Assessment section of the discipline with confidence

- Apply industry best practices and proven methods to identify hazards (HAZID, HAZOP, What – If)

- Decide which change cases fall under the discipline of MoC

- Integrate the results of the change into the Company's routine workflow

- Assess the motivation or lack of it among the personnel and act accordingly

- Draw a viable and secure implementation plan

- Decide on the necessary alterations of the implementation plan during the project

- Identify gaps in the company's SMS and fleet instruction manuals and propose improvements

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INTRODUCTION TO CLASS AND STATUTORY SURVEYS

The course Introduction to Class and Statutory Surveys is aimed at anyone interested in understanding the classification and statutory certification processes. This may include: Ship Managers, Technical Superintendents, Ship Masters, Officers and Seafarers; Shipyards Technical Staff; Surveyors; P&I and/or Insurance Inspectors; Naval Architects; Marine Engineers; Etc..

COURSE OBJECTIVES:

- Understand the classification process and get familiar with classification terms, definitions and rules.
- Understand the process of Statutory Certification and get familiar with Statutory Certification terms.
- Know the scope of Classification and Statutory Certification

PROGRAM:

- MODULE 1 – CLASSIFICATION
- MODULE 2 – SATUTORY CERTIFICATION

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TRAINING MODULE CATALOGUE

Risk Assessment and Incident Investigation	3 days
Corrosion and Coating basics	1 day
Tanker Management Self Assessment	3 days
Bridge Team/ Resources Management STCW (Req Simulator)	5 days
Maneuvering Techniques (Req Simulator)	2 days
Passage Planning with ECDIS (ECDIS simulator required)	2 days
Under Keel Clearance with relation to electronic Navigation Charts	1 day
Effective Drills: PLANNING, ORGANIZATION, EXECUTION AND ASSESSMENT OF DRILLS ONBOARD – (best done with last day in fire training ground)	2 days + 1 day
Preventing Detentions – Ready for PSC Inspection	1 day
Ballast water Management Systems Introduction	1 day
Train the Trainer according to IMO Model Course	5 days
Negotiation Skills	2 days

TRAINING MODULE CATALOGUE

Doing Business in Multicultural environments	1 day
Managing Multicultural Crews	1 day
LNG as Fuel	1 day
Introduction to LNG Carriers	3 days
Basic training for Liquefied Gas Tankers Safety and Cargo Operations - (STCW mandatory 5 days)	5 days
Advance training for Liquefied Gas Tankers Safety and Cargo Operations – (STCW mandatory 10 days)	10 days
Organization and Conducting of realistic oil & Gas fire drills – In collaboration with a fire ground provider design and delivery of training on LNG Fire extinguishing	3 days (2 +1)
Crises Management and Media Handling for Shipping Companies	2 days
Project Management (and usage of Microsoft Project)	4 days
Maritime Crew Resource Management (Req. Simulator and Collaboration with a medical doc)	5 days
Management and Leadership (Ashore and Onboard)	2 day
Managing Multicultural Crews	1 day

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