SAFENESS

YOUR RELIABLE PARTNER

TRAINING SERVICE CATALOGUE

SAFETY SOLUTIONS FOR HAZARDOUS ENVIRONMENTS

SAFENESS
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INTERNATIONAL TRAINING CENTRE

"SAFENESS Training center is specialized in providing health and safety training courses for the oil and gas sector and the general industry.
All SAFENESS Instructors master the techniques of adult learning and are fully accredited in any training they deliver.

In SAFENESS, we believe that every organization shall have a suitable competency program that take into consideration experience, knowledge, skills but also the attitude of its workforce.

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SAFENESS
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ABOUT SAFENESS

SAFENESS is a health and safety solution company based in Tunisia and operating in the African geo-market.

SAFENESS offers diverse Training Solutions that range from general health and safety courses such as risk management & first aid course to specialized modules such as Safety Officer course or Electrical Safety Training.

SAFENESS also develops and provides custom made training program based on client needs and requirements.

1 OUR **MISSION**

To provide the smartest Health and Safety Solutions to the African Industry.

2 OUR **VISION**

To make safer workplaces that will enhance employees' wellbeing and improve organizations' productivity.

3 OUR **COMMITMENT**

SAFENESS experts understand that risk is part of doing any business and believe that the success of any organization comes from its ability to find the optimal balance between managing risks and growing the business.

4 QUALITY ASSURANCE STANDARDS

SAFENESS is accredited under ISO 9001 quality standard, ISO 14001 Environmental standard and ISO 45001 Occupational Health and Safety Standard.

Every **SAFENESS** activity including our training services undergo regular internal and certification audits from the International Standard Organization and other certification bodies to ensure that we continue to meet international standards and deliver our courses in compliance with the latest industry requirements.

SAFENESS conducts all of its operations in line with an approved Quality Management System (QMS), ensuring the highest quality and standard of operations.

5 OUR RANGE OF TRAINING SERVICES

SAFENESS provides a wide range of health and safety training courses that meets the requirements of most oil and gas companies.
SAFENESS can also offer tailored training programs to meet specific company requirement and business needs

- **H2S & GAS TESTING** - H_2S awareness, Basic & advanced H2S and Advanced and Basic Gas Testing.

- **FIRE FIGHTING TRAINING** – Basic Fire Fighting, Fire Warden, Fire Team Member (FTM), Fire Team Leader (FTL), Wear and Operate Self Contained Breathing Apparatus (SCBA).

- **CONFINED SPACE & WORKING AT HEIGHT TRAINING** - Confined Space Planning, Entry & Rescue, Working Safely at Heights, Scaffold Erector, Scaffold Supervisor.

- **HEALTH, SAFETY & ENVIRONMENTAL TRAINING** - HSE Supervisor, permit to Work, Hazard identification & Risk assessment, Incident investigation & Reporting, Workplace Safety Awareness, COSHH, NORM, Behavior Based Safety, Chemical Handling Safety, Trenching and Excavation Safety.

- **EMERGENCY MEDICAL & FIRST AID COURSES** - Emergency First Response EFR Primary & Secondary Care, BLS and AED.

- **DEFENSIVE DRIVING TRAINING** - DD City Driver, Desert/Off-road Driver, LGV/HGV Driver, Journey Management, Dangerous Goods Transportation by Road

- **LIFTING TRAINING** - Lift Planner, Onshore & Offshore Crane operator, Forklift Operator, Heavy equipment Driver, Rigger, Banksman & Slinger.

- **ELECTRICAL TRAINING** - ATEX Introduction, Electrician Ability [B0 H0 H0v / B1v B2v BR BC BS / B1v B2v BR BC BS H1v H2v].

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OUR PEOPLE

Our staff are our greatest asset. As the brand ambassadors of SAFENESS, they deliver each training course with the highest level of dedication and passion to exceed our client' expectations.

Every SAFENESS QHSSE expert holds internationally recognized health and safety accreditations and is competent in auditing, training, HSE supervision and system management development.

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The concept of services has changed and keeps changing significantly in this dynamic market.

At **SAFENESS**, we have placed a customer-centric approach at the center of everything we do. We strive to offer unmatchable support to our network and always follow the pace in helping our clients achieve professional excellence. Our team does not make any compromises when it comes to its dedication to the **SAFENESS** mission and values and is entirely devoted to providing quality training materials and international certifications to individuals and organizations.

Karim Saddoud, iDipNebosh , CSP
General Manager

TRAINING SERVICES
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H_2S HYDROGEN SULPHIDE SAFETY AND GAS TESTING

The aim of this H_2S training program is designed for workers operating in environments that have potential for the deadly H_2S gas.

1. H_2S AWARENESS
2. BASIC H_2S TRAINING
3. GAS TESTING, AUTHORISED GAS TESTER

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ABOUT THE TRAINING

This Training is aimed at individuals required to carry out a task or visit an asset where the release of hydrogen sulfide (H2S) is possible.

Hydrogen sulfide is highly toxic gas and is a major hazard in the oil and gas industry. This course will give you a basic understanding of the properties of hydrogen sulfide and how to respond if a release occurs.

The knowledge gained in this course will help you to stay safe in your day-to-day activities and if there is an accidental release, it will also indicate your actions on finding someone affected by hydrogen sulfide.

By ensuring you are fully aware of the dangers of hydrogen sulfide, you contribute to the safety of the asset, your fellow workers and yourself. A reduction in incidents means a safer working environment for everyone.

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Ministry Agreement Number 11205521

1 HYDROGEN SULFIDE **AWARENESS**

COURSE AIM:

The aims and objectives of the training are to ensure that the delegate gains the required knowledge and understanding of the particular hazards and properties of H_2S, and appropriate emergency response actions to take should an H_2S related incident arise.

TARGET GROUP:

The target group is personnel that are, or could be, working in an environment that could become contaminated by H_2S gas.

COMPETENCY:

Participants are required to pass a written assessment of their competency before being awarded with a course certificate.

PRE-REQUISITE:

Possess a valid current medical certificate.

METHOD OF TRAINING:

This course includes theoretical and practical components and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

Course participants will gain a basic level of understanding and an awareness of safety & emergency procedures, and will be required to demonstrate their skills, knowledge & understanding in the following key areas:

- Hydrogen sulfide - how it is formed and where it is found,
- Other names used to describe H_2S,
- Properties and characteristics of H_2S,
- Parts per million (ppm) as a measurement parameter,
- Occupational exposure limits to H_2S,
- Factors affecting individual susceptibility to H_2S,
- Types of detection equipment,
- Types of respiratory equipment,
- Pre-use checks of personal detection devices and EBA,
- Operating personal H_2S detection equipment,
- Responding to an alarm.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Four (4) hours.	80% Theory 20% Practical	2 years

2 BASIC H_2S TRAINING

COURSE AIM:

The aims and objectives of the training are to ensure that the delegate gains the required knowledge and understanding of the particular hazards and properties of H_2S, and appropriate emergency response actions to take should a H_2S related incident arise.

TARGET GROUP:

The target group is personnel that are, or could be, working in an environment that could become contaminated by H_2S g

COMPETENCY:

Participants are required to pass a written assessment of their competency before being awarded with a course certificate.

PRE-REQUISITE:

Possess a valid current medical certificate.

METHOD OF TRAINING:

This course includes theoretical and practical components and will include the visual teaching aids, writing materials and provision of catering, firefighting equipment and a smoke hood.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Four (4) hours. & 30 minute written exam.	50% Theory 50% Practical	2 years

COURSE CONTENT:

Course participants will gain a basic level of understanding and an awareness of safety & emergency procedures, and will be required to demonstrate their skills, knowledge & understanding in the following key areas:

- Hydrogen sulfide – how it is formed and where it is found,
- Other names used to describe H_2S,
- Properties and characteristics of H_2S,
- Occupational exposure limits to H_2S,
- Factors affecting individual susceptibility to H_2S,
- Types of detection equipment,
- Types of respiratory protection equipment,
- Pre-use checks of personal detection devices and EBA,
- Operating personal H_2S detection equipment (including checks),
- Responding to an alarm,
- Donning & operating (including checks) an escape breathing apparatus (EBA) with a mask within 30 seconds,
- Donning & operating (including checks) an EBA with a hood within 30 seconds,
- Connecting to a cascade breathing system,
- Disconnecting from a cascade breathing system
- Conduct physical headcount and maintain control at muster point,
- Respond to instructions

3 GAS TESTING, AUTHORISED GAS TESTER

COURSE AIM:

These programs are designed to meet the initial onshore training and validation requirements for personnel preparing to work as Authorized Gas Testers (AGT) for a variety of products and work environments.

TARGET GROUP:

- AGT Level 1 is required for those involved with performing a test for oxygen, flammable and toxic gases up to and including working in confined spaces. Persons undertaking Safety Watch duties at the entrance to a confined space shall be an AGT Level 1 Gas Tester.
- AGT Level 2 is required for those involved with testing for flammable gas in preparation for hot work.
- AGT Level 3 is required for those who provide safety watch duties by the ongoing monitoring of a hot work site.

COMPETENCY:

Participants are required to pass a practical assessment of their competency in each of the above areas before being awarded with a course certificate. Participants who pass the course assessment are also recorded on the OPITO Industry Database.

PRE-REQUISITE:

There are no delegate pre-requisites for attendance on each of these courses.

All personnel who participate in gas testing training should be medically fit and capable of participating fully. The responsibility for the individual completing the course, without any adverse effects to their present state of health, lies with the delegate and/or the company sponsoring the delegate.

Where doubt exists regarding the medical fitness of any delegate the training establishment should seek the advice of a medical officer.

METHOD OF TRAINING:

This course includes theoretical and practical components and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

Course participants will gain a basic level of understanding and an awareness of safety & emergency procedures, and will be required to demonstrate their skills, knowledge & understanding in the following key areas:

Module 1 Authorized Gas Tester Level 1

On successful completion of the training, the delegate will be able to demonstrate an understanding of:

- Confined space criteria,
- The hazards of operations within an oxygen deficient, toxic or flammable environment,
- Carrying out a suitable and sufficient risk assessment,
- Using safe systems of work,
- The implications of organizational and statutory requirements,
- Interpreting operational requirements,
- Selecting and using PPE and RPE,
- Working within the Permit to Work system,
- The operating principles of atmosphere monitoring and measuring equipment,
- Gas detector pre-start checks,
- Calibrating the instruments used in atmospheric testing,
- How to set up the relevant detector for each gas testing application,
- The behavior of different flammable and toxic gases.
- The range and frequency of tests
- Acceptable levels of flammable and toxic gases,
- Performing gas tests in sequence,
- Obtaining a representative atmosphere sample,
- Monitoring and retesting,
- Where to site ongoing monitoring equipment,
- Interpreting and documenting the results.
- where visibility is reduced due to smoke, Small group escape techniques with an escape set (hood) from areas where visibility is completely obscured due to smoke.

Module 2 Authorized Gas Tester Level 2

On successful completion of the training, the delegate will be able to demonstrate an understanding of:

- Hot work and the production of flammable and toxic gases,
- The principles of hot work gas testing,
- The hazards and properties of flammable gases,
- Using risk assessments and safe systems of work,
- The implications of organizational and statutory requirements,
- How to interpret operational requirements,
- How to select, use and care for PPE and RPE,
- Gas detector pre-start checks,
- Calibrating the instruments,
- Detectors used for the flammable product,
- Interpreting and documenting the results.

Module 3 Authorized Gas Tester Level 3

On successful completion of the training, the delegate will be able to demonstrate an understanding of:

- Hot work and the creation of toxic products,
- The implications of organizational and statutory requirements,
- How to select, use and care for PPE and RPE,
- How to work within the Permit to Work system,
- How to interpret operational requirements,
- The hazards and properties of flammable gases,
- The behavior of different gases,
- How a flammable gas or vapor clouds could arrive at the hot work site,
- Checking the controls on the equipment,
- The importance of regular communication,
- Completing the relevant documentation.
- How to work within the Permit to Work system,
- Interpreting relevant operational instructions,
- The operating principles of atmosphere measuring equipment,
- The strengths and weaknesses of flammable and toxic gas detection equipment,
- How to set up the relevant detector and confirm its correct functioning,
- Locating sentinel styled equipment for optimum benefit,
- How to correctly obtain a representative sample of the atmosphere being tested,
- Gas detector pre-start checks,
- Calibrating the instruments,
- Detectors used for the flammable product,
- Interpreting and documenting the results.

Module 3 Authorized Gas Tester Level 3

On successful completion of the training, the delegate will be able to demonstrate an understanding of:

- Hot work and the creation of toxic products,
- The implications of organizational and statutory requirements,
- How to select, use and care for PPE and RPE,
- How to work within the Permit to Work system,
- How to interpret operational requirements,
- The hazards and properties of flammable gases,
- The behavior of different gases,
- How a flammable gas or vapor clouds could arrive at the hot work site,
- Checking the controls on the equipment,
- The importance of regular communication,
- Completing the relevant documentation.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
AGT 1: 12 hours AGT 2: 7 hours AGT 3: 4 hours	75% Theory 25% CBT	3 years

FIRE FIGHTING TRAINING

Safeness Tunisia, offers a range of Fire Fighting courses to suit different emergency scenarios and workplace situations.

1. BASIC FIRE FIGHTING.
2. FIRE WARDEN
3. FIRE TEAM MEMBER (FTM)
4. FIRE TEAM LEADER (FTL)
5. PRACTICAL EXERCISE IN WEARING SELF CONTAINED BREATHING APPARATUS (SCBA)

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ABOUT THE TRAINING

We provide fire and rescue professionals essential information that supports ongoing professional development and enhances training efforts, whether online, in the classroom or during hands-on training evolutions. Review fundamental skills, like forcible entry basics and SCBA maintenance and use, as well as advanced tactics related to high-risk/low-frequency events, like technical rescue and active shooter incident response. Learn how to pass the firefighter written exam to become a firefighter or how to upgrade your education by pursuing continuing education opportunities.

Our fire safety training courses will equip learners with the skills and knowledge required for different jobs in the fire safety industry. They will also enable students to combat fires in an efficient manner. Basic fire safety is essential for protecting lives in your building and it is a requirement you know your workplace fire facts.

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1 BASIC FIRE FIGHTINGTRAINING

COURSE AIM:

The Basic Firefighting Training Program will introduce delegates to the specific emergency response issues and regimes relevant to onshore industries operations, in relation to the proactive and reactive responses for personnel in the event of an onshore emergency.

TARGET GROUP:

The Basic Firefighting program is designed to meet the initial onshore emergency response training requirements for personnel in the onshore oil & gas industry.

COMPETENCY:

Delegates are required to be assessed against the learning outcomes using direct observation and oral and/or written questions.

PRE-REQUISITE:

Delegates must be medically cleared prior to attending this course.

METHOD OF TRAINING:

The course consists of an initial theory session followed by staff demonstrations and hands on practical by all delegates, using various fire

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following: Identify the common causes and nature of fires on an onshore oil and gas facility,

- Explain the "triangle of combustion" and how fire can spread,
- Explain the uses and limitations of various firefighting methods,
- Identify the dangers associated with fighting a small fire,
- Know how to assess the fire and make a decision on whether or not to fight the fire,
- Raising the alarm on discovery of a fire,
- Use of appropriate hand-held portable fire extinguishers,
- Use of a fire hose reel.
- Use of a fire blanket.
- Self-rescue techniques with no respiratory protection from areas where visibility is reduced due to smoke,
- Self-rescue techniques with a smoke hood from areas where visibility is reduced due to smoke,
- Small group escape techniques with an escape set (hood) from areas where visibility is completely obscured due to smoke.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day.	50% Theory 50% Practical	2 years

2 FIRE WARDEN TRAINING

COURSE AIM:
The aim of the Fire Warden Competence Standard assessment program is to formally assess the candidate in the role of the Fire Warden during an emergency situation in a simulated environment.

TARGET GROUP:
This program is designed to accommodate personnel working both onshore and offshore or all personnel employed on board of merchant ship.

COMPETENCY:
Delegates are required to demonstrate knowledge of fire and emergency warden duties in the workplace.

PRE-REQUISITE:
Delegates must be medically cleared prior to attending this course.

METHOD OF TRAINING:
The course consists of an initial theory session followed by staff demonstrations and hands on practical by all delegates, using various fire equipment - extinguishers, hose reel and a smoke hood.

COURSE CONTENT:
The course includes the following modules,
- Refresher of Basic fire fighting
- Maintain Readiness for Muster and Evacuation and Response to Emergency:
- Prepare for Response to Emergency,
- Respond to Emergency,
- Conduct Headcount, Maintain Control and Respond to Instructions:
- Conduct physical headcount and maintain control at muster point,
- Respond to instructions

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	50% Theory 50% Practical	2 years

3 FIRE TEAM MEMBER

COURSE AIM:
To provide delegates with the necessary confidence, knowledge and skills required to ensure an appropriate response to an advanced fire emergency in a team environment.

TARGET GROUP:
This program is designed to all persons employed or engaged on the firefighting duties as member of Firefighting team.

COMPETENCY:
Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:
Delegate must:
- have attended a Basic Fire Fighting Course,
- have Medical Clearance, be physically fit and prepared to participate in all activities.

METHOD OF TRAINING:
The course is an activity-based, hands-on course consisting of both theory and practical elements and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:
This program is designed to all persons employed or engaged on the firefighting duties as member of Firefighting team:

- Fire team member responsibilities and teamwork principles,
- Refresher on chemistry of Fire and extinguishment,
- Fire Personal Protective Equipment (PPE),
- Emergency fire equipment,
- Breathing Apparatus techniques,
- Fixed detection and fire systems,
- Confined Space Drills,
- Hose handling,
- Pressure vessels, cooling and flame control,
- Emergency Response, and
- External and internal firefighting involving various classes of fire.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Three (3) days.	30% Theory 70% Practical	2 years

4 FIRE TEAM LEADER

COURSE AIM:
To provide delegates with training and knowledge to competently muster and control a fire team and to assist outside agencies in emergency situations.

TARGET GROUP:
This program is designed to all persons employed or engaged on the firefighting duties as Lead of Firefighting team.

COMPETENCY:
Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:
Medical clearance and completed a Fire Team Member or 4 years of experience on site.

METHOD OF TRAINING:
The course is an activity-based, hands-on course consisting of both theory and practical elements and will include the visual teaching aids, writing materials and provision of catering.
Delegates must be prepared to lead in at least two fire scenarios

COURSE CONTENT:
On completion of this activity, delegates will be able to demonstrate a competence in the theory and practice of the following:
- Fire Team leader responsibilities,
- Leadership and stress,
- Emergency management and communications,
- Fire control and extinguishment,
- Hazardous materials, and
- Multi fire scenarios.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Four (4) days in conjunction with the Fire Team Member Course.	30% Theory 70% Practical	2 years

5 WEAR & OPERATE SELF CONTAINED BREATHING APPARATUS (SCBA)

COURSE AIM:

To give delegates the knowledge of why breathing apparatus is worn and the basic skills to follow with donning, doffing and care procedures, so in an emergency situation they can wear Self Contained Breathing Apparatus (SCBA) with confidence.

TARGET GROUP:

This program is designed to all persons assigned to wear & operate SCBA during his duties within emergency response team.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

Delegates must be medically and physically fit prior to attending this course.
prepared to participate in all activities.

METHOD OF TRAINING:

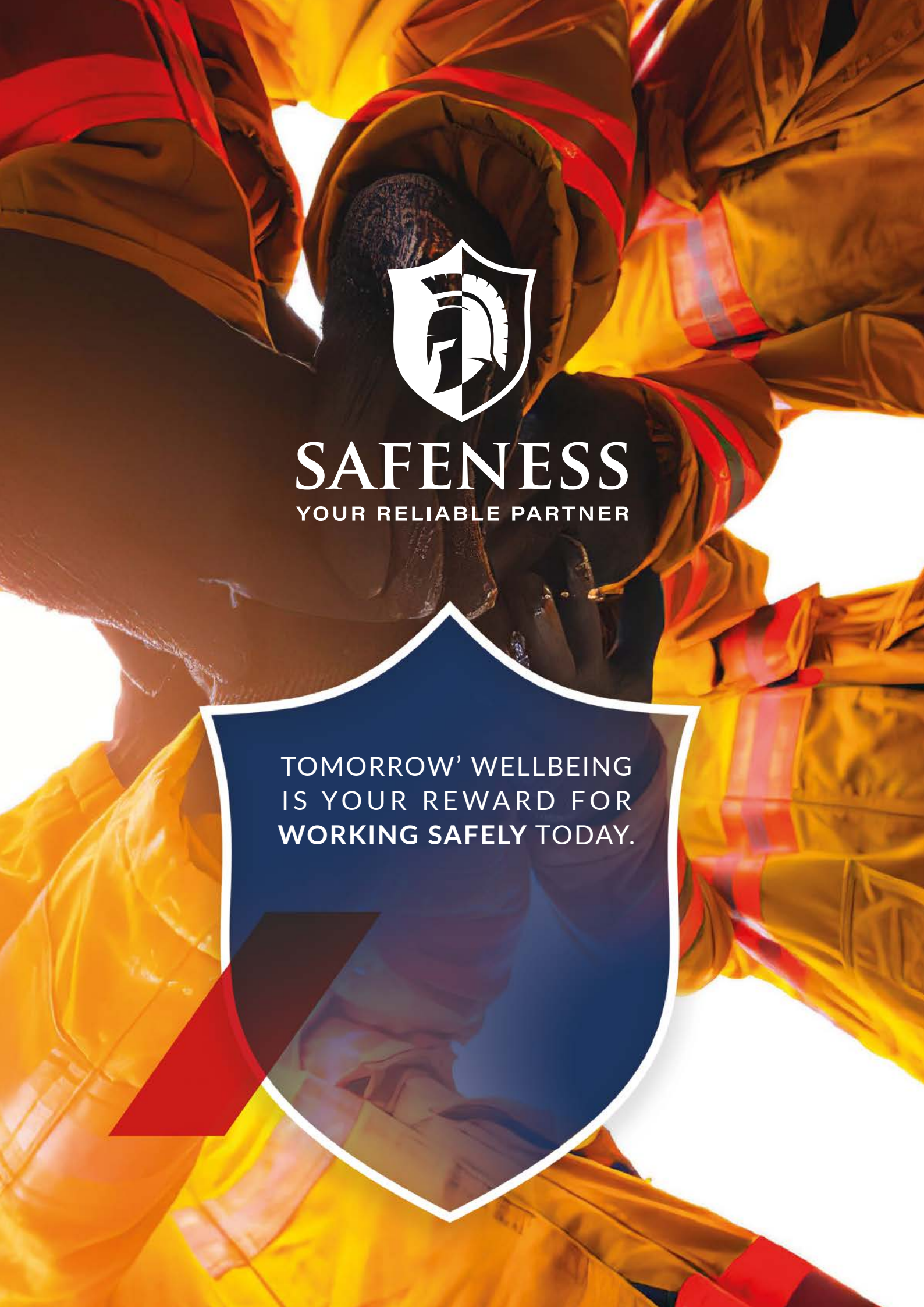
Classroom theoretical with individual and team practical training exercises and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion of the course delegates will be able to demonstrate a competence in the theory and practice of the following:

- Hazardous environments for respiration,
- SCBA components, inspection and maintenance,
- SCBA limitations and safety features,
- Donning and doffing procedures,
- Wearing SCBA,
- Emergency escape procedures, and
- Entrapment procedures.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	30% Theory 70% Practical	2 years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TOMORROW' WELLBEING
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CONFINED SPACE & WORKING AT HEIGHT TRAINING

This combined training course will provide participants with the knowl- edge and skills required to work in confined spaces and includes planning preparation and entry and safely work at height.

1. CONFINED SPACE PLANNING
2. CONFINED SPACE ENTRY
3. CONFINED SPACE PLANNING & ENTRY
4. CONFINED SPACE RESCUE
5. WORKING SAFELY AT HEIGHTS
6. SCAFFOLD ERECTOR
7. SCAFFOLD SUPERVISOR

ABOUT THE TRAINING

People usually think of working at height as only being a risk when working above ground. Working below ground however often provides working at height risks with the added complication of working in a confined space. Confined space environments include structures such as in vats, tanks, pits, pipes, chimneys, silos, sewers, shafts, wells, pressure vessels, trenches and tunnels.

Working in a confined space can be fatal, because of a lack of oxygen, an explosion or airborne contaminants. Incidents can occur when someone becomes swallowed up in flood waters, sewerage, smoke or dirt.

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1 CONFINED SPACE PLANNING

COURSE AIM:

To provide delegates with the necessary understanding and skills to safely plan and manage confined space entry in a hazardous environment.

TARGET GROUP:

This training is designed to all personnel who may be called upon to plan an entry a confined space for specialist or routine operations.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

There are no pre requisites for this course.

METHOD OF TRAINING:

Classroom theory instruction and practical training sessions and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Define a confined space,
- Identify hazards and risks in a confined space,
- Understand confined space entry permits system,
- Undertake rescue of persons from a confined space,
- Understand the duties of the Safety Sentry,
- Maintain records and logs of entry, and
- Understand tagging and lockout procedures

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day.	80% Theory 20% Practical	2 years

2 CONFINED SPACE ENTRY

COURSE AIM:

To provide delegates with the necessary understanding and skills to safely enter and manage confined space entry in a hazardous environment.

TARGET GROUP:

This training is designed to all personnel who may be called upon to enter a confined space for specialist or routine operations.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

All personnel should have completed a Self-Contained Breathing Apparatus (SCBA) training course prior to participating in this course.

METHOD OF TRAINING:

Classroom theory instruction and practical training sessions and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Recognize the hazards associated with CSE,
- Understand the limitations that may prevent CSE,
- Recognize the need for PPE,
- Demonstrate competence with the various types of BA,
- Understand and operate relevant access equipment,
- Understand and operate escape BA,
- Identify the basic safety requirements for CSE, roles and duties,
- Interpret and act on gas levels/alarms, atmospheric monitoring,
- Understand WRAP controls, PTW & CSE Certificate requirements,
- Recognize physical and psychological effects in CSE work,
- Understand emergency rescue procedures.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day.	40% Theory 60% Practical	2 years

3 CONFINED SPACE PLANNING & ENTRY

COURSE AIM:

To provide delegates with the necessary understanding and skills to safely plan, enter and manage confined space entry in a hazardous environment.

TARGET GROUP:

This training is designed to all personnel who may be called upon to plan, enter and manage an entry a confined space for specialist or routine operations.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

Prior to participating in this course, all personnel should:

- have completed a Self-Contained Breathing Apparatus (SCBA) training course,
- have medical clearance

METHOD OF TRAINING:

he course is an activity-based, hands-on course consisting of both theory and practical elements, and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Define a confined space,
- Identify hazards and risks in a confined space,
- Understand confined space entry permits system,
- Undertake rescue of persons from a confined space,
- Understand the duties of the Safety Sentry,
- Maintain records and logs of entry,
- Understand tagging and lockout procedures,
- Recognize the hazards associated with CSE,
- Understand the limitations that may prevent CSE,
- Recognize the need for PPE,
- Demonstrate competence with the various types of BA,
- Understand and operate relevant access equipment,
- Understand and operate escape BA,
- Identify the basic safety requirements for CSE, roles and duties,
- Interpret and act on gas levels/alarms, atmospheric monitoring,
- Understand WRAP controls, PTW & CSE Certificate requirements,
- Recognize physical and psychological effects in CSE work,
- Understand emergency rescue procedures.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (2) days	60% Theory 40% Practical	2 years

4 CONFINED SPACE RESCUE

COURSE AIM:

Personnel will acquire the skills and knowledge to safely and effectively coordinate, perform, and supervise a technical confined space rescue incident.

This program meets the training requirements for basic and general entry operations as determined by most regulatory bodies and National Fire Protection Agency (NFPA) 1670 Confined Space Rescue Technician Level.

TARGET GROUP:

This course is intended for individuals that will be employed as rescue persons in a confined space capacity.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory then an assessment of aptitude through practical & simulation training.

PRE-REQUISITE:

All delegates must be medically and physically fit and must hold a valid confined space entry training certificate.

METHOD OF TRAINING:

Theory conducted in a classroom including presentations and discussions based on lived experiences followed by practical, demonstrations & simulation training and assessment on a confined space rescue operation with appropriate resources, and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Recognize the hazards associated with CSE,
- Understand the limitations that may prevent CSE,
- Recognize the need for PPE,
- Demonstrate competence with the various types of BA,
- Understand and operate relevant access equipment,
- Understand and operate escape BA,
- Identify the basic safety requirements for CSE, roles and duties,
- Interpret and act on gas levels/alarms, atmospheric monitoring,
- Understand WRAP controls, PTW & CSE Certificate requirements,
- Recognize physical and psychological effects in CSE work,
- Understand emergency rescue procedures.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (2) days	50% Theory 50% Practical	2 years

5 WORKING SAFELY AT HEIGHTS

COURSE AIM:

To provide workers with a working knowledge of the hazards involved in working at height, and to familiarise them with the use and application of harnesses and fall protection systems available.

TARGET GROUP:

This training is designed to all personnel who may be called to work at height for specialist or routine operations.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

Prior to participating in this course, delegates should have medical clearance.

METHOD OF TRAINING:

Classroom theoretical and practical training exercises, with demonstrations of equipment as appropriate and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion of the course delegates will be able to demonstrate knowledge and competence in the theory and practice of the following:

- Definition of work at height,
- Major fall hazards,
- Identification of hazards associated with work at height,
- Personal protective equipment inspection and maintenance,
- Forces involved in a fall,
- Fall protection systems,
- Fall arrest hazards,
- Fall clearances,
- Anchor points and slings,
- Inertia reels, and
- Scaffolds and ladders.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	50% Theory 50% Practical	2 years

6 SCAFFOLD ERECTOR

COURSE AIM:

To provide delegates with the technical and hand on skills to erect modular scaffold systems and tube and coupler scaffolds from the ground up to an accepted international standard.

TARGET GROUP:

This training is designed to all personnel who may be called to erect and/or dismantle safely a modular scaffold system for specialist or routine operations.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory then an assessment of aptitude through practical & simulation training.

PRE-REQUISITE:

Prior to participating in this course, delegates should have medical clearance.

METHOD OF TRAINING:

Theory sessions in a classroom followed by practical training and assessment, conducted at our training center or on client site. Training in ITC will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Knowledge of all scaffold components,
- Determine loading for the light/medium/ heavy duty scaffolds,
- Safely build scaffolds from the ground up to fit for purpose,
- Safely dismantle scaffoldings,
- Safely use and maintain equipment.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (4) days	30% Theory 70% Practical	2 years

7 SCAFFOLD SUPERVISOR

COURSE AIM:

To provide participants/delegates with the technical and hand on safety regulations, skills and methods to inspect modular scaffold systems and tube and coupler scaffolds to an accepted international standard and to issue certificate for safe use of scaffolds.

TARGET GROUP:

This course is designed for all personnel responsible for inspecting and issuing certificate for safe use of scaffolds.

COMPETENCY:

Delegates will be required to pass a theoretical and practical assessment of skills, a written or verbal examination of theory.

PRE-REQUISITE:

All participants must be in possession of a valid medical and basic scaffolding erection certificates.

METHOD OF TRAINING:

This course includes theoretical and demonstration components and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion of the course delegates will be able to demonstrate knowledge and competence in the theory and practice of the following:

- Definition of work at height,
- Major fall hazards,
- Identification of hazards associated with work at height,
- Personal protective equipment inspection and maintenance,
- Forces involved in a fall,
- Fall protection systems,
- Fall arrest hazards,
- Fall clearances,
- Anchor points and slings,
- Inertia reels, and
- Scaffolds and ladders.
- Safely dismantle scaffoldings,
- Safely use and maintain equipment.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (5) days	30% Theory 70% Practical	2 years


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DON'T REPAIR
AND REPENT

HSE TRAINING

1. HSE SUPERVISOR
2. PERMIT TO WORK
3. HAZARD IDENTIFICATION & RISK ASSESSMENT
4. INCIDENT INVESTIGATION & REPORTING
5. WORKPLACE SAFETY AWARENESS
6. CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH (COSHH)
7. NATURALLY OCCURRING RADIOACTIVE MATERIAL (NORM)
8. BEHAVIOUR BASED SAFETY
9. CHEMICAL HANDLING SAFETY
10. LIFE SAVING RULES
11. GOLDEN RULES OF SAFETY AT WORK
12. TRENCHING AND EXCAVATION SAFETY

ABOUT THE TRAINING

The Health and Safety supervisor course is an excellent management program that helps to equip HSE supervisors, coordinators or managers with an all-round holistic knowledge of health and safety, and to provide the necessary skills to effectively manage their day-to-day duties and to equip them with confidence and a structured approach to handling health & safety matters within the organization safety systems.

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1 HSE SUPERVISOR

COURSE AIM:

To provide delegates with the necessary understanding and skills to safely plan and manage confined space entry in a hazardous environment.

TARGET GROUP:

This training is designed to: HSE managers from all industries, HSE supervisors and coordinators of construction projects, all technical staff leading activities critical safety (excavation, electrical, mechanical, instrument, demolition, drilling, hand tools, lifting, working at height, public service providers, etc.), HSE systems designers and HSE team leaders, Health team leaders and first aiders, maintenance staff.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

There are no pre requisites for this course.
should have medical clearance.

METHOD OF TRAINING:

Theory sessions in a classroom followed by written or verbal examination of theory, practical training and assessment of practical skills. The training will include the visual teaching aids,

COURSE CONTENT:

On completion of this activity, delegates will be able to demonstrate a competence in the theory and practice of the following:

- HSE management and leadership,
- Risk assessment,
- Emergency Response: Basic Fire Fighting - Fire Warden

- First Aid,

- Permit to work system,
- Authorized gas tester,
- Confined space entry,
- Working at height safely,
- Chemical handling,
- Occupational health and hygiene,
- Ergonomic factors and Manual Handling,
- Environmental management,
- Behavioral Based Safety,
- Incident investigation & reporting.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (7) days	65% Theory 35% Practical	3 years

2 PERMIT TO WORK

COURSE AIM:

To provide delegates with the knowledge and skills to correctly issue and receive all types of permit to work.

TARGET GROUP:

This training is designed to all personnel working within the Permit to Work System at company locations.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

There are no pre-requisites to attend this course.

METHOD OF TRAINING:

Theory conducted in a classroom, followed by practical & simulation training and assessment and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Need for PTW,
- Scope of PTW: Specific activities, controlled under a permit,
- Key elements of PTW,
- Different types of PTW: Hot work / Cold work / Entry of Confined space / Working at height / Lifting operation in Process area / Excavation / Work on safety system / Scaffolding assembly and disassembly / Work on hydraulic systems / Pressure testing / Work on Hydrocarbon systems / Electrical work / Radioactive work / Work on Steam Systems, etc.)
- Roles and responsibilities within PTW system,
- Validity of PTW,
- Conditions for supervision of PTW,
- PTW procedures (authorized, display, handover, etc.) and be able to:
- Identify hazards associated with the workt ask,
- Conduct pre-job start checks,
- Conduct pre-operational checks,
- Permit issuer's responsibilities, and
- Permit receiver responsibilities.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	70% Theory 30% Practical	2 years

3 HAZARD IDENTIFICATION & RISK ASSESSMENT

COURSE AIM:

To provide delegates with the knowledge and skills to participate in, Hazard Identification (HAZID) and Risk Assessment techniques.

TARGET GROUP:

This course is designed for Managers, leaders, foremen, site managers, base managers, yard manager, HSE Managers, HSE supervisor, HSE engineers, HSE coordinators, HSE officers.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

There are no pre-requisites for this course.

METHOD OF TRAINING:

Theory conducted in a classroom, followed by practical & simulation training and assessment and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Difference between hazard, risk and control.
- Risk assessment process,
- Defining the task,
- Identification of hazards and risks,
- Risk assessment using risk matrix,
- Risk of control measures to reduce risk to ALARP,
- Documenting Risk Assessment

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	80% Theory 20% Practical	2 years

4 INCIDENT INVESTIGATION & REPORTING

COURSE AIM:

To provide delegates with the knowledge and skills necessary to effectively undertake incident investigation & reporting and to understand analysis various techniques of incident analysis.

TARGET GROUP:

This course is designed for Managers, leaders, foremen, site managers, base managers, yard manager, HSE Managers, HSE supervisor, HSE engineers, HSE coordinators, HSE officers.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

There are no pre-requisites for this course, although it is an advantage to have supervisory and management experience.

METHOD OF TRAINING:

The course is a mixture of theory, practical workshop and workbook written assessment and attendee participation. Where appropriate

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Definition Accident / Incident,
- Elements:
- Circumstances,
- Causes,
- Nature,
- Consequences,
- Contributing factors,
- Accident investigation process:
- Securing the scene,
- Collecting facts: Interviewing skills,
- Developing sequence of events,
- Determining the causes: Root cause analysis,
- Analysis of investigation findings,
- Recommendation Corrective Action and Improvement,
- Writing report.
- Practical exercise:
- Conducting investigation,
- Compiling report.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	60% Theory 40% Practical	2 years

5 WORKPLACE SAFETY AWARENESS

COURSE AIM:

This is a three-day course comprising of the critical contents from the following one-day courses:

- Work Safely with Others,
- Hazard Management,
- Accident Investigation.

The overall aim of which is to enhance candidate's ability to manage Health and Safety within their sphere of control.

TARGET GROUP:

The course is aimed at all levels of personnel within the Oil and Gas and all Industries, whether based in the office or the field.

COMPETENCY:

This course is recommended for all employees who control a place of work and /or control the activities of others in a place of work. i.e., Managers, Supervisors, Foremen, Leading Hands.

PRE-REQUISITE:

There are no pre-requisites for this course.

METHOD OF TRAINING:

The course is a mixture of theory, group exercises and workbook written assessment and attendee participation. Where appropriate the client's own forms and procedures will be used. In ITC, training will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- To gain a clear understanding of the Health and Safety in Employment Act 1992, and support regulation.
- To understand and apply the principles of workplace safety.
- To enhance and refresh knowledge of techniques used in the workplace for managing hazards and accidents.
- Understand and accept responsibilities for safety on the workplace.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	70% Theory 30% Practical	2 years

6 CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH (COSHH)

COURSE AIM:

The course is intended to provide participants with a basic awareness in the Control of Substances Hazardous to Health (COSHH) and how it may affect them, their colleagues and their employer.

TARGET GROUP:

The is aimed at personnel who may be involved with chemicals or any substances which hazardous to health.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

There are no pre requisites to attend this course.

METHOD OF TRAINING:

Theory conducted in a classroom, using visual teaching aids and writing materials, followed by written or verbal assessment of theory.

COURSE CONTENT:

Delegates will learn the following subjects:

- Introduction:

- What is COSHH,
- Why are COSHH regulations and guidelines in place,
- How does COSHH affect me?
- Where does COSHH apply in the Oil and Gas Industry,
- Who is responsible for implementing COSHH?
- Safety Data Sheet, Standard Labels and COSHH Assessments:
- Overview What is a Safety Data Sheet,
- What is a Standard Label?
- How do Standard Labels affect me?
- What about Standard Labelling Symbols?
- Examples Explosive, Oxidizing, Flammable, Toxic, Very Toxic, Harmful, Irritant, Corrosive, Dangerous to the Environment,
- What are COSHH assessment,
- Handling, Storage and Disposal of Hazardous Substances:
- Overview,
- Safe Storage,
- Safe Handling,
- Other Considerations,
- Safe Disposals,
- Reference to Safety Data Sheets,
- Spillages

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	100% Theory	2 years

7 NATURALLY OCCURRING RADIOACTIVITY MATERIAL (NORM)

COURSE AIM:

To provide delegates knowledge where NORM can be found, how it can be detected, the potential hazards, protective measures to be taken, the different forms of radiation and safe disposal methods.

TARGET GROUP:

This training is designed to all personnel involved in Oil & Gas exploration and production activities in areas where radiation is present.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory.

PRE-REQUISITE:

There are no pre-requisites for this course.

METHOD OF TRAINING:

Theory conducted in a classroom, use visual teaching aids and writing materials, followed by written or verbal assessment of theory.

COURSE CONTENT:

Delegates will learn the following subjects:

- Introduction to NORM,
- NORM elements,
- NORM definitions,
- NORM Exposure,
- Radiation measurement units and exposures limits,
- NORM in oil & Gas exploration and production,
- Where to find NORM in Oil & Gas,
- Exposure controls factors,
- Working around NORM,
- NORM storage,
- NORM disposal.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Half (1/2) day	100% Theory	2 years

8 BEHAVIOR BASED SAFETY

COURSE AIM:

The delegates will be introduced to the process of behavioral safety which includes techniques used to identify at-risk behavior at the workplace, how to conduct behavior-based observation. They shall be introduced to the concepts of monitoring and measuring behavior-based safety inputs.

TARGET GROUP:

Senior Management, Health & Safety Managers, Safety Supervisors and Engineers.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory.

PRE-REQUISITE:

There are no pre requisites to attend this course.

METHOD OF TRAINING:

Theory conducted in a classroom, using visual teaching aids and writing materials, followed by written or verbal assessment of theory.

COURSE CONTENT:

Delegates will learn the following subjects:

- Introduction to behavior-based safety process.
- Methodology for at-risk behavior identification through observation and intervention.
- Behavior-based safety observation techniques.
- Monitoring metrics and measuring behavior safety inputs

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	100% Theory	2 years

9 CHEMICAL HANDLING SAFETY

COURSE AIM:

To learn delegates the basic knowledge of contribution to handle chemicals safely, the precautions to be taken to prevents hazards and understanding the information given in the Material Safety Data Sheet (MSDS).

TARGET GROUP:

This training is designed to all personnel involved in handling of chemicals.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory.

PRE-REQUISITE:

There are no pre requisites to attend this course.

METHOD OF TRAINING:

Theory conducted in a classroom, followed by practical & simulation training and assessment and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

The delegates will get knowledge, understanding and proficiency of the following subjects:

- Introduction to Chemical Safety,
- Hazards involved with the use of hazardous chemicals,
- Safe Working Procedures,
- Regulations and Legal Requirements,
- Recognizing and Controlling the Risk,
- Prevention of Accidents,
- Roles and Responsibilities,
- Classification, Packaging and Labelling,
- Material Safety Data Sheets (MSDS),
- Health Hazards,
- Chemical Handling/Transport/Storage/ Disposal,
- Emergency Procedures.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	100% Theory	2 years

10 LIFE SAVING RULES

COURSE AIM:

The learning objectives are:

- The OGP Life-Saving Rules can be used in the Oil & Gas industry to mitigate risk and reduce fatalities,
- Knowledge of the most common hazards and risks related to the different Oil & Gas industry operations,
- The Rules focus on modifying worker and supervisor behaviors in the workplace by raising awareness of the activities which are most likely to result in fatalities and simple actions individuals can take to protect themselves and others.

TARGET GROUP:

- Workers in the Oil & Gas Industry or people who have intention to work in the Oil & Gas Industry…
- Managers, leaders, foremen, site managers, base managers, yard managers…
- HSE Managers, HSE supervisor, HSE engineers, HSE coordinators, HSE officers…
- Anyone who wants to be inducted to the Oil & Gas Industry safety rules.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory.

PRE-REQUISITE:

There are no pre requisites to attend this course.

METHOD OF TRAINING:

Theory conducted in a classroom, followed by practical & simulation training and assessment and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

Delegates will learn the following subjects:

- Introduction:
  - Bow Tie Model,
  - Original and statistics,
  - Job safety analysis,
  - Training and competence,
  - Personal protective equipment,
  - Emergency situations response,
  - STOP system,
  - The goal zero harm,
  - Working together on the rules.
- Core rules:
  - Confined space entry,
  - Fall protection,
  - Suspended loads,
  - Safe driving rules,
  - Journey management plan,
  - Permit to work,
  - Isolation
- Supplementary rules:
  - Dropped objects prevention,
  - Moving and energizing equipment safety,
  - Excavation activities,
  - Gas testing,
  - Working near to water,
  - Overhead electric power lines,
  - Stupefying agent prohibition,
  - Lift plan,
  - Overriding and disabling safety critical system.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	100% Theory	3 years

11 GOLDEN RULES OF SAFETY AT WORK

COURSE AIM:

The learning objectives are:

- Awareness of different hazards and risks associated to common installations operations,
- Knowledge of safety rules associated to each hazardous operation and activity,
- Familiarization with prevention measures that must be taken before work beginning and in high-risk situations,
- To strengthen prevention of occupational accidents by encouraging people to step in whenever they see something being done wrong.

TARGET GROUP:

This training is designed to:

- Managers, leaders, foremen, site managers, base managers, yard managers…
- HSE Managers, HSE supervisor, HSE engineers, HSE coordinators, HSE officers…
- People who organize work, the people who carry it out and the people who inspect it.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory.

PRE-REQUISITE:

There are no pre-requisites for this course.

METHOD OF TRAINING:

Theory conducted in a classroom, followed by simulation training and assessment and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

Delegates will receive knowledge of the following subjects:

- High-Risk Situations,
- Traffic,
- Body Mechanics and Tools,
- Protective Equipment,
- Work Permits,
- Lifting Operations,
- Powered Systems,
- Confined Spaces,
- Excavation Work,
- Work at Height,
- Change Management,
- Simultaneous Operations or Co-Activities.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	100% Theory	3 years

12 TRENCHING AND EXCAVATION SAFETY

COURSE AIM:

To instruct participants/delegates on the various hazards associated with excavation and trenching work, as well as instruct them on the proper procedures and controls to ensure safe work practices.

TARGET GROUP:

This Course is designed for anybody who will need to work in or around trenches, holes, or below-ground areas as equipment/machinery operators, laborers, underground tank removal or maintenance, utility workers, oil & gas workers, safety officers, civil engineers.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory.

PRE-REQUISITE:

There are no pre requisites to attend this course.

METHOD OF TRAINING:

Theory sessions in a classroom followed by written or verbal examination of theory, practical training and assessment of practical skills. The training will include the visual teaching aids, writing materials, wear full PPE, use of training equipment and facilities, use of shower and refreshment & mid-day lunches.

COURSE CONTENT:

Delegates will learn the following subjects:

- Terms & Definitions
- Legislation required with excavation operation: FMA 2014, OSHA 1994, HSE 1999 ...
- Soil types and testing
- Types of trench collapse
- Protective systems selection: hierarchy of controls
- PPE related to excavation operations
- Engineering Controls
- Sloping and benching
- Aluminum hydraulic and timber
- Shoring & Sheeting
- Alternatives to shoring
- Safe work practices vs inappropriate practices
- Hazardous Atmospheres
- Competent Person/Inspection

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	80% Theory 20% Practical	3 years

EMERGENCY MEDICAL AND FIRST AID RESPONSE TRAINING (EFR)

Safeness Tunisia, provides world-class Emergency Medical and First Aid Training that can save lives.

1. **EMERGENCY FIRST RESPONSE EFR: PRIMARY CARE**
2. **EMERGENCY FIRST RESPONSE EFR: SECONDARY CARE**
3. **BASIC LIFE SUPPORT BLS AND AUTOMATIC EXTERNAL DEFIBRILLATOR AED TRAINING**

ABOUT THE TRAINING

Emergency First Response training focuses on building confidence in lay rescuers and increasing their willingness to respond when faced with a medical emergency. Course participants learn simple to follow steps for emergency care and practice applying skills in a no stressful learning environment. All courses are supported by self-study materials, videos and quick reference cards to enhance learning and allow you start learning right away.

Emergency Medical and First Aid Response Training provides comprehensive first aid training which will prepare you for a wide range of situations and give you the confidence and knowledge of how to deal with them quickly, correctly and efficiently.

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1 EMERGENCY FIRST RESPONSE EFR: PRIMARY CARE

COURSE AIM:

Emergency First Response Primary Care (CPR) teaches participants how to respond to life-threatening emergencies. The course focuses on primary care through a combination of knowledge development, skill development and realistic scenario practice to make sure participants have the confidence in their ability to provide care when emergency situations arise.

TARGET GROUP:

This program is designed to all personnel working both onshore and offshore industries.

COMPETENCY:

Delegates are required to pass practical assessment of their competency in each of the above areas before being awarded with a course certificate.

PRE-REQUISITE:

There are no specific requirements for entry to this course. Anyone may enroll on a Basic Life Support course.

METHOD OF TRAINING:

Theory conducted in a classroom, followed by demonstration & simulation training and assessment and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

Delegates will receive knowledge of the following areas:

- Cardio Pulmonary resuscitation CPR,
- Automated External Defibrillator AED,
- Basic Life Support BLS,
- Use of AED including safety issues,
- Recovery position,
- Choking management

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	60% Theory 40% Practical	2 years

2 EMERGENCY FIRST RESPONSE EFR: SECONDARY CARE

COURSE AIM:

Emergency First Response Secondary Care (first aid) covers injuries or illnesses that are not immediately life threatening. Participants focus on secondary assessment and first aid through knowledge development, skill development and realistic scenario practice.

TARGET GROUP:

This program is designed for all personnel involved to provide medical first aid on both onshore and offshore sites including offices.

COMPETENCY:

Delegates are required to pass practical assessment of their competency in each of the above areas before being awarded with a course certificate.

PRE-REQUISITE:

There are no specific requirements for entry to this course. Anyone may enroll on a Basic Life Support course.

METHOD OF TRAINING:

Theory conducted in a classroom, followed by demonstration & simulation training and assessment and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

Secondary Skills taught in this course:

- Injury Assessment
- Illness Assessment
- Bandaging
- Splinting for Dislocations and Fractures Includes first aid treatment reference for the following emergencies:
- Allergic Reactions (incl. anaphylaxis),
- Asthma, Bruises, Burns, Chemical Burns, Choking (adult, child, infant), CPR (adult, child, infant), Cuts, Dental Injuries, Diabetic Problems, Dislocations and Fractures, Electrical Injuries, Eye Injuries, First Aid Kit Assembly, Fish Spine Injury, Frostbite, Heat Exhaustion, Heatstroke, Heart Attack, Hypothermia, Insect Stings, Jellyfish Stings, Octopus Bites, Poisoning, Scrapes, Seizures, Snake Bites, Spider Bites, Sprains and Strains, Stroke, Temperature Related Injuries and Venomous Bites and Stings.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Two (2) days	60% Theory 40% Practical	2 years

3 BASIC LIFE SUPPORT BLS AND AUTOMATIC EXTERNAL DEFIBRILLATOR AED TRAINING

COURSE AIM:

To provide delegates the Basic Life Support and how to use of An Automatic External Defibrillator (AED).

TARGET GROUP:

This training is designed to all employees.

COMPETENCY:

Delegates are required to pass practical assessment of their competency in each of the above areas before being awarded with a course certificate.

PRE-REQUISITE:

There are no pre-requisites for this course.

METHOD OF TRAINING:

Theory conducted in a classroom, followed by demonstration & simulation training and assessment and will include the visual teaching aids, writing materials and provision of catering. materials and provision of catering.

COURSE CONTENT:

Delegates will receive knowledge of the following areas:

- Cardio Pulmonary resuscitation CPR,
- Automated External Defibrillator AED,
- Basic Life Support BLS,
- Use of AED including safety issues,
- Recovery position,
- Choking management

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	60% Theory 40% Practical	2 years


SAFENESS
YOUR RELIABLE PARTNER
IF YOU SEE SOMETHING...
SAY SOMETHING!!
IF YOU SAY SOMETHING...
DO SOMETHING!!!

DEFENSIVE DRIVER TRAINING

1. DEFENSIVE DRIVING: CITY DRIVER LEVEL 2
2. DEFENSIVE DRIVING: DESERT / OFFROAD / 4X4 DRIVER
3. DEFENSIVE DRIVING: LGV / HGV
4. JOURNEY MANAGEMENT
5. DANGEROUS GOODS TRANSPORTATION BY ROAD

SAFENESS
YOUR RELIABLE PARTNER

ABOUT THE TRAINING

Our region creates specific hazards and represents regional particularities. We are passionate about driving and aspire to help Companies and individuals reach a higher level of driving safely.

We consider ourselves not just to be a Driver Training provider, but consider ourselves to be at the forefront of Driver Training in Tunisia by having a passion and commitment to pass on our trainers' experience, knowledge and standards to our customers and their families.

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Ministry Agreement Number 11205521

1 DEFENSIVE DRIVING: CITY DRIVER LEVEL 2

COURSE AIM:

The program incorporates refresher and upgrade content to Defensive Driver Training Level 1 and develops a deeper understanding of the defensive driving theory and skills with greater emphasis on practical exercises.

TARGET GROUP:

This course is designated to all city driver.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

Current motor vehicle driver's license (where applicable).

METHOD OF TRAINING:

This course has minor theoretical aspects, with the major emphasis on practical achievement and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

OOn completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Apply the principle of avoiding incidents and enhance the safety of other road users.
- Vehicle complementary eyesight checks.
- Building upon the skills & knowledge gained from level 1
- The 5 phases system of vehicle control
- Vehicle safety checks
- Tire management assessment
- Trainer demonstrate driving on the system of vehicle control with full commentary
- Practical driver training /coaching
- Daily Vehicle checks P.O.W.D.E.R.S
- Feedback to students on their strength & weaknesses

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Two (2) days	60% Theory 40% Practical	2 years

2 DEFENSIVE DRIVING: DESERT / OFFROAD / 4X4 DRIVER

COURSE AIM:

This is an accredited course which can be customized to meet all company requirements. The course provides a hands-on site-based learning experience for pipeline operations personnel and enable them to be able to prepare, operate and recover vehicles in the field.

TARGET GROUP:

This course is designated to all drivers working in desert.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

Current motor vehicle driver's license (where applicable) and Defensive Driving Course.

METHOD OF TRAINING:

This course has theoretical aspects, with the major emphasis on practical achievement and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practice of the following:

- Enhance individual driving on and off-road skills
- Demonstrate the use of a vehicles off road capabilities
- Demonstrate the use of various forms of recovery equipment and how to apply different techniques to ditching situations
- Describe the requirements and preparation for travelling to/from the field
- Monitor driving on and off-road conditions
- Manage a work team carrying out recovery procedures
- Reinstate equipment/vehicle systems at the end of recovery operations
- Describe potential dangerous operating conditions and possible sources where recovery may be required
- Respond to driving/recovery-related emergency according to company procedures

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Two (2) days	50% Theory 50% Practical	2 years

3 DEFENSIVE DRIVING: LGV / HGV

COURSE AIM:

To provide delegates with the knowledge and skills to drive LGV/HGV safely, including the systematic, safe and efficient control of all vehicle functions and effective management of hazardous situations under operational conditions.

TARGET GROUP:

This course is designated to all LGV (Large Goods Vehicle) or Heavy Goods Vehicle (HGV) drivers.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

All delegates must complete Defensive Driving, and are to hold a current motor vehicle driver's license.

METHOD OF TRAINING:

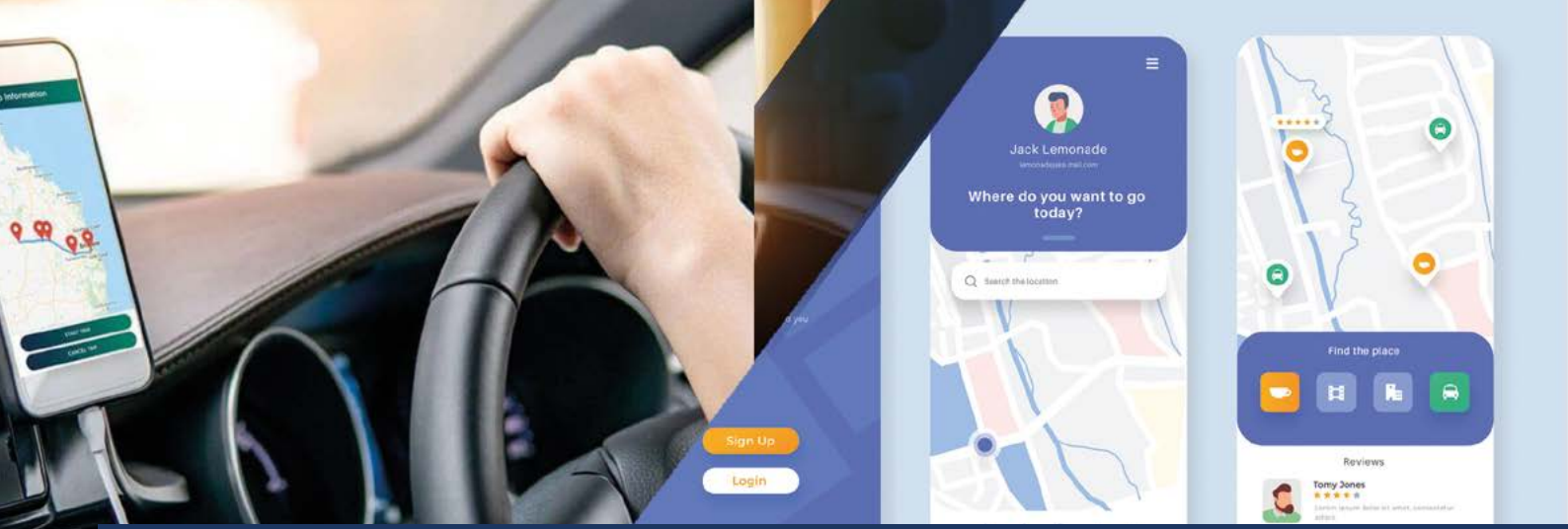
This course is conducted at a venue, suitable for the theory and practical instruction of all dele- gates and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate knowledge and competence in the theory and practice of the following:

- Apply the principle of avoiding incidents and enhance the safety of other road users.
- LGV/HGV complementary eyesight checks.
- Road Safety videos
- LGV/HGV Safety checks
- Tire management
- Vehicle Recovery & dangers
- Practical Driving Demonstrations and assessments.
- Course Debrief to students on individual Basis

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Three (3) days	60% Theory 40% Practical	2 years



4 JOURNEY MANAGEMENT

COURSE AIM:

To provide delegates with the knowledge and skills to manage and effect their journey safely, including the systematic, safe and efficient control of all vehicle functions and effective management of hazardous situations under operational conditions. The course is also intended for supervisors who manage the journeys safety.

TARGET GROUP:

This course is designated to oil and gas industry supervisors, managers, health and safety personnel, senior management and executives, journey management committees, stakeholder groups and all others responsible for designing and implementing a journey management program.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

All delegates must be medically and physically fit and must hold a current heavy goods vehicle driver's license.

METHOD OF TRAINING:

This course is conducted at the client venue, in house which reflects the work environment, with theory and practical instruction of all delegates and will include the provision of catering, visual teaching aids and writing materials.

COURSE CONTENT:

On completion, delegates will be able to demonstrate knowledge and competence in the theory and practice of the following:

- Introduction, The Need for Journey Management
- Defining Journey Management
- Establishing a Journey Management Program/Plan
- Policies and Directives, Roles and Responsibilities
- Manage Each Trip, Planning the Trip
- Determine Necessity of the Trip, Assess Trip Hazards
- Develop and / or Reference a Consolidated Risk Register
- Develop Safety and Security Controls
- Preparing for the Trip
- Instructions to be given to driver before departure
- Vehicle-related practices:
- Conduct Pre-Trip Inspections

- Vehicle specifications
- Load securement
- In-vehicle monitoring system (IVMS/GPS)
- Driver-related practices:
- Seatbelts Wear a seat belt at all times while in a moving vehicle
- Specified Routes, Distracted driving and speed
- Driver competency, Driver fitness/duty, driving and res hours
- No alcohol or drugs while driving
- Vehicle maneuvering, Recognize and Anticipate Hazards
- Reduce Speed, Drive Defensively
- Communication with driver during the trip
- Evaluate the Trip Plan
- Undertaking the Trip
- Completing the Trip
- Emergency Response Plan
- Management of offenses recorded during the trip
- Program Review and Continuous Improvement
- Summary.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One(1) day	70% Theory 30% Practical	2 years

5 DANGEROUS GOODS TRANSPORTATION BY ROAD

COURSE AIM:

This training provides delegates with the knowledge and skills to manage their Dangerous goods transportation fleet safely by being aware of legal requirements, Road tanker vehicles conditions, carriage operations safety rules, legal responsibilities and Emergency response plans during fleet.

TARGET GROUP:

Any driver who transports hazardous or dangerous goods and materials by road.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory then an assessment of aptitude through practical & simulation training.

PRE-REQUISITE:

All delegates must be at least 21 years old, medically and physically fit and must hold a current vehicle driver license on the required vehicle category.

METHOD OF TRAINING:

Theory conducted in a classroom including presentations and discussions based on lived experiences, preferably at the client venue in house which reflects the work environment, followed by practical & simulation training and assessment on a dangerous goods vehicle and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

The delegates will get knowledge, understanding and proficiency of the following subjects:

- Introduction
- Transport of Dangerous goods by Road Regulation ADR
- International and Tunisian regulatory framework
- Dangerous goods Classes
- Conditions of carriage

- Packaging and Tanks
- Hazard labelling and markings and vehicle placarding

- Loading and unloading
- Safety conditions
- Vehicle construction and approval
- Vehicle and Tank equipment
• Transport operations
- Fleet management
- Journey management plan
- Traffic and safety rules
- Speed
-Stop and parking
- The use of certain roads
- Safety distance
- Safety sheet
- Control and accompaniment
- Road form
• Drivers:
- Driver training requirements.
• Stakeholder Responsibilities,
• Emergency response,
• Offenses and penalties.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Two (2) days	100% Theory	3 years


IN A SPLIT SECOND,
YOU COULD RUIN YOUR
FUTURE, INJUR OR KILL
OTHERS, AND TEAR
A WHOLE IN THE HEART
OF EVERYONE WHO
LOVES YOU
SAFENESS
YOUR RELIABLE PARTNER

LIFTING TRAINING

1. ONSHORE / OFFSHORE CRANE OPERATOR
2. FORKLIFT OPERATOR
3. HEAVY EQUIPMENT DRIVER
4. RIGGER TRAINING
5. BANKSMAN & SLINGER

SAFENESS
YOUR RELIABLE PARTNER

ABOUT THE TRAINING

Rigging, Lifting & Slinging operations on Construction and Engineering sites are carried out worldwide on daily basis. At SAFENESS, we aim to enhance the skills of personnel who perform Rigging, Lifting & Slinging activities using Lifting Equipment and Lifting Accessories to the recognized industry standards, including the current Rigging/Moving Loads Regulations and Legislation.

We promote best industry practice in Rigging, Slinging & Lifting methodology as well as Inspection of Equipment. All work is carried out to the requirements of the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER), SAFNESS offers a wide range of Rigging, Lifting & Slinging courses to suit all levels of experience and knowledge such as rigger/banksman Skills, crane/forklift operator and Appointed Person.

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Ministry Agreement Number 11205521

1 ONSHORE / OFFSHORE CRANE OPERATOR

COURSE AIM:

To provide delegates with the knowledge and skills necessary to operate an onshore/Offshore crane in a safe and efficient manner.

TARGET GROUP:

This training program is designed for personnel that have experience in crane operating and wish to gain more safety knowledge of onshore/ offshore crane operations.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

Course delegates must bring records showing a minimum of forty (40) hours of crane operating experience.

METHOD OF TRAINING:

This course has minor theoretical aspects, with the major emphasis on practical achievement and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practical of the following:

- Operator's responsibility,
- Engineering principles of crane stability,
- Rules for safe operations,
- Accident prevention,
- Use of correct slinging practice,
- Mass weight calculations.

and will be able to:

- Identify danger areas,
- Conduct pre-start checks,
- Conduct pre-operational checks,
- Know crane capacity,
- Picking up the loads,
- Unloading, and
- Travel up and down inclines.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Two (2) days	60% Theory 40% Practical	2 years

2 FORKLIFT OPERATOR

COURSE AIM:

To provide delegates with the knowledge, skill and confidence to operate a Forklift safely reducing the possibility of injury and accidents to personnel and damage to property.

TARGET GROUP:

This training program is designed for personnel that have experience in Forklift operating and wish to gain more safety knowledge of lifting operations.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

Delegates should have no less than 100 hours of forklift experience prior to attending the two-day (2) training program. Personnel with less than 100 hours should enroll in the three-day (3) program.

METHOD OF TRAINING:

This course has theoretical aspects and practical achievement and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

On completion of this course, delegates will be able to demonstrate a competence in the theory and practice of the following:

- Forklift operators' responsibilities,
- Pre-start checks,
- Forklift accidents,
- Pre-operating checks,
- Principle's engineering,
- General operating techniques,
- Forklift stability,
- Forklift maneuvering,
- Safe Working Loads (SWL),
- Staking and De-staking.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Two (2) days	60% Theory 40% Practical	2 years

3 HEAVY EQUIPMENT DRIVER

COURSE AIM:

To provide delegates with the knowledge, skill and confidence to operate any construction engine safely (digger, crawler excavator, truck with telescopic arm, bobcat) reducing the possibility of injury and accidents to personnel and damage to property.

TARGET GROUP:

This training program is designed for personnel that have experience in the heavy equipment operating and wish to gain more safety knowledge of lifting operations.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

Course delegates must bring records showing a minimum of one hundred (100) hours of heavy equipment operating experience.

METHOD OF TRAINING:

This course has theoretical aspects and practical achievement and will include the visual teaching aids, writing materials and provision of catering

COURSE CONTENT:

On completion, delegates will be able to demonstrate competence in the theory and practical of the following:

- Operator's responsibility,
- Engineering principles of crane stability,
- Rules for safe operations,
- Accident prevention,
- Use of correct slinging practice,
- Mass weight calculations.

and will be able to:

- Identify danger areas,
- Conduct pre-start checks,
- Conduct pre-operational checks,
- Know crane capacity,
- Picking up the loads,
- Unloading, and
- Travel up and down inclines.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Two (2) days	60% Theory 40% Practical	2 years

4 RIGGER TRAINING

COURSE AIM:

The aim and objectives of the training Program are to provide the delegate with knowledge of the rigging principles, general hazards and risks of rigging and lifting operations, an awareness of relevant legislation and regulation, and an opportunity to practice basic rigging operations following a lifting plan. Stage 2 takes place on-site where personnel will complete workforce requirements under supervision.

TARGET GROUP:

The target group for the Rigger Training program is personal who have had little or no training or experience in rigging and lifting operations. and wish to gain relevant supervised workplace experience.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

There are no pre-requisites for this training.

METHOD OF TRAINING:

This course has theoretical aspects, with the major emphasis on practical achievement using a crane and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

To successfully complete the Initial Training Program delegates must meet all the Learning Outcomes specified below:

- The role of the Rigger and an Introduction to Lifting Operations:
- The role and responsibilities of a rigger,
- Introduction to lifting operations - relevant and management of the hazards,
- Rigging and Lifting Operations:
- The principles of rigging and lifting,
- Prepare for the lifting operation,
- Carrying out the lifting operation,
- Restoring the work area and post-operation responsibilities

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Two (2) days	30% Theory 70% Practical	2 years

5 BANKSMAN & SLINGER

COURSE AIM:

The aims and objectives of Stage 1 Initial Training Program are to provide personnel, who have little are no experience of the Banksman and Slinger role, with the basic knowledge of activities associated with the combined roles, and the safety and regulatory requirements of those activities.

TARGET GROUP:

The target group for the Banksman and Slinger Training Stage 1 training is for personnel wishing to become competent in the Banksman and Slinger role.

COMPETENCY:

Delegates are required to pass an assessment of practical skills and a written or verbal examination of theory.

PRE-REQUISITE:

There are no pre-requisites for stage 1.

METHOD OF TRAINING:

This course has theoretical aspects, with the major emphasis on practical achievement and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

The Initial Training Program consists of the following modules and elements:

- Introduction to lifting operations:
  - Regulations and safety issues,
  - Introduction to lifting roles and equipment,
  - Preparing for the lift,
  - Carrying out the lift,
  - Restoring the work area,
- The Banksman's role:
  - The Banksman's duties,
  - Communications and visibility
- Slinging operations:
  - Principles of slinging,
- Practical exercises:
  - The role of a Banksman & Slinger in a planned lift.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Two (2) days	30% Theory 70% Practical	2 years


YOUR EMPLOYEES LEARN BY EXAMPLE. IF THEY DON'T SEE YOU PRACTICING GOOD SAFETY HABITS, THEY WON'T THINK SAFETY IS IMPORTANT
SAFENESS
YOUR RELIABLE PARTNER

ELECTRICAL SAFETY TRAINING

1. ATEX INTRODUCTION
2. ELECTRICIAN ABILITY [B0 H0 H0V]
3. ELECTRICIAN ABILITY [B1V B2V BC BR BS]
4. ELECTRICIAN ABILITY [B1V B2V BC BR BS H1V H2V]

SAFENESS
YOUR RELIABLE PARTNER

ABOUT THE TRAINING

This Electrical Safety training course is designed to ensure that both employers and employees understand the main risks and the necessary controls for the safe use of electricity at work Wherever people are working, there are risks to the users of electrical installations and equipment that must be considered.

ATEX and electrical ability will help you understand hazardous areas classifications, how to complete an electrical risk assessment, how to review existing control measures, and how to ensure that appropriate safe systems of work are put in place to keep workers from harm when their work activities involve electrical equipment or electrical installations.

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1 ATEX INTRODUCTION

COURSE AIM:

This course provides participants with an understanding of the dangers of working in hazardous areas, the methods by which explosions are prevented and the requirements of the ATEX and DSEAR Directives.

TARGET GROUP:

Anyone involved in carrying out work in hazardous areas, or supervising others in carrying out such work will benefit from this course.

COMPETENCY:

Delegates will be required to pass a theoretical assessment of skills, a written or verbal examination of theory.

PRE-REQUISITE:

No prior knowledge of explosion protection is required.

METHOD OF TRAINING:

This course includes theoretical and demonstration components and will include the visual teaching aids, writing materials and provision of catering.

COURSE CONTENT:

The course will include the following subject:

- Hazards, past incidents, dangers of dust, gas, vapor and mist in the air,
- Definitions, Properties of Flammable Materials,
- Hazardous Area Classification, Type of hazard, ignition temperature, likelihood of the hazard, Gas zones 0, 1, 2 and Dust zones 20, 21, 22.
- Apparatus Grouping & Temperature Classification
- Selection of Electrical Equipment for use in Hazardous Areas,
- Marking of equipment.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Half (1/2) day	100% Theory	2 years

2 ELECTRICIAN ABILITY [B0 H0 H0V]

COURSE AIM:

- Learning the regulations in accordance with NF C 18-510 standard.
- Allow personnel to perform non-electrical operations in areas reserved for electricians in the vicinity of live electrical parts.
- Issuance of an Ability title pre-filled with the symbols proposed by the trainer.

TARGET GROUP:

Non-electric personnel, working near electrical installations.

COMPETENCY:

Delegates are required to pass an assessment of written or verbal examination of theory at the end of each module then an assessment of aptitude through practical situations and / or role-playing.

PRE-REQUISITE:

There are no pre requisites to attend this course.

METHOD OF TRAINING:

Theory conducted in a classroom including presentations and discussions based on lived experiences, followed by practical & simulation training and assessment and will include the visual teaching aids, writing materials, specific equipment for electrical ability and provision of catering

COURSE CONTENT:

The delegates will get knowledge, understanding and proficiency of the following subjects:

COMMON TOPICS

- Electrical quantities encountered during the various operations (voltage, current, resistance).
- Effects of current on the human body: electrification,

electrocution, burning.

- Works or installations: voltage ranges, limits and recognition of materials.
- Environmental zones and their limits
- Ability: principle, symbols, limits and formalization.
- Safety requirements associated with environmental zones and operations.
- Collective protection: measures, equipment and signs.
- Work equipment used (scales, hand tools...): risks and implementation.
- Fires and accidents on or near electrical works and installations.

SPECIFIC TOPICS B0 H0 H0V EXECUTOR

- Actors involved in the work (role and function)
- Ability index 0: limits, risk analysis and preventive measures.

SPECIFIC TOPICS B0 H0 H0V YARD MANAGER

- Actors involved in the work (roles and functions)
- Documents: type and use (work authorization, certificate for third parties)
- Ability index 0: limits, risk analysis and preventive measures
- Working areas: setting up and monitoring.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
One (1) day	100% Theory	3 years

3 ELECTRICIAN ABILITY [B1V B2V BC BR BS]

COURSE AIM:

- Operate safely on all or part of an operational installation,
- Learning regulation according to the standard NF C 18-510,
- Apply LV safety instructions related to Lockout, general interventions, off power work or in the vicinity of electrical works or installations,
- Issuance of an Ability Title pre-filled with the symbols proposed by the trainer.

TARGET GROUP:

Non-electrician operating or maintenance staff required to perform simple operations, replacement of connections and / or maneuvers on electrical works.

COMPETENCY:

Delegates are required to pass an assessment at the session beginning of the necessary prerequisites for attending the training, a written or verbal examination of theory at the end of each module then an assessment of aptitude through practical situations and / or role-playing.

PRE-REQUISITE:

Possessing technical skills in electricity is mandatory to follow this training.

METHOD OF TRAINING:

Theory conducted in a classroom including presentations and discussions based on lived experiences, followed by practical & simulation training and assessment and will include the visual teaching aids, writing materials, specific equipment for electrical ability and provision of catering.

COURSE CONTENT:

The delegates will get knowledge, understanding and proficiency of the following subjects:

COMMON THEMES:

Effects of the current on the human body: electrification, electrocution, burns,
Works or installations: voltage ranges, limits and recognition of materials,
Environmental zones and their boundaries.

ABILITY: PRINCIPLE, SYMBOLS, LIMITS AND FORMALIZATION:

- Risk analysis and implementation of general prevention principles,
- Operations Monitoring,
- Securing a circuit: power off, voltage tester, lockout, setting out of range,
- Collective and individual protective equipment: identification, verification, use,
- Work equipment used (ladders, hand tools ...): risks and implementation,
- Fires and accidents on or near electrical works and installations.

TECHNICAL TOPICS:

- Type, structure and operation of works and facilities (line and substation),
- Function of the electrical equipment of the substations: control, protection, separation,
- Induction and capacitive coupling and associated preventive measure (equipotentiality),
- Locking and interlocking devices,
- Collective protective equipment: identification, verification, use.
- Personal protective equipment: identification, verification, use.

SPECIFIC THEMES B1V, B2V, B2V TEST:

- Characterization of work and limits: de-energized, energized with / without vicinity,
- Lockout officer and electrical operation officer: role, instructions, information exchange,
- Ability: symbol and limits,
- Prevention measures to be applied during work: eliminate risk, organize, delimit, report, respect and enforce,
- Electrical equipment in their environment: function, characteristics, identification,
- Applicable documents during work: safety instructions, lockout certificate, lockout first stage certificate, work authorization, notice of work termination,
- Work equipment used: risk, verification, identification, use,
- Safety instructions for Tests (for "Test" attribute).

SPECIFIC THEMES BC:

- Function of electrical equipment: isolation, protection, separation ...
- Electrical operation officer and work officer: role, instructions, exchange of information.
- Steps and documents applicable to lockout: one or two-stage lockout certificate, Notice of termination of work.

SPECIFIC THEMES BR BS:

- Limits of Abilities BR and BS,
- Functions of electrical equipment: disconnection, protection, control, separation,
- Electrical operation officer: role, instructions, exchange (documents, information), Instruction's respect,
- Work equipment used: risk, verification, identification, use,
- Documents applicable during an intervention: work authorization, safety instructions ...,
- Prevention measures to be applied during a general LV intervention: eliminate risk, organize, delimit, report, respect and enforce,
- Steps and documents applicable to a lockout for its own account.

COURSE DURATION	RATIO OF TRAINING	VALIDY OF CERTIFICATE
Three(3) days	80% Theory 20% Practical	3 years

4 ELECTRICIAN ABILITY [B1V B2V BC BR BS H1V H2V]

COURSE AIM:

- Operate safely on all or part of an operational installation,
- Learning regulation according to the standard NF C 18-510,
- Apply LV safety instructions related to Lockout, general interventions, off power work or in the vicinity of electrical works or installations,
- Issuance of an Ability Title pre-filled with the symbols proposed by the trainer.

TARGET GROUP:

Electrical or electromechanical staff in charge of LV and / or HV to carry out lockouts, direct work with power off, perform general operations, carry out or organize testing.

COMPETENCY:

Delegates are required to pass an assessment at the session beginning of the necessary prerequisites for attending the training, a written or verbal examination of theory at the end of each module then an assessment of aptitude through practical situations and / or role-playing.

PRE-REQUISITE:

Possessing technical skills in electricity is mandatory to follow this training.

METHOD OF TRAINING:

Theory conducted in a classroom including presentations and discussions based on lived experiences, followed by practical & simulation training and assessment and will include the visual teaching aids, writing materials, specific equipment for electrical ability and provision of catering.

COURSE CONTENT:

The delegates will get knowledge, understanding and proficiency of the following subjects:

COMMON THEMES:

Effects of the current on the human body: electrification, electrocution, burns,
Works or installations: voltage ranges, limits and recognition of materials,
Environmental zones and their boundaries.

ABILITY: PRINCIPLE, SYMBOLS, LIMITS AND FORMALIZATION:

- Risk analysis and implementation of general prevention principles,
- Operations Monitoring,
- Securing a circuit: power off, voltage tester, lockout, setting out of range,
- Collective and individual protective equipment: identification, verification, use,
- Work equipment used (ladders, hand tools ...): risks and implementation,
- Fires and accidents on or near electrical works and installations.

TECHNICAL TOPICS:

- Type, structure and operation of works and facilities (line and substation),
- Function of the electrical equipment of the substations: control, protection, separation,
- Induction and capacitive coupling and associated preventive measure (equipotentiality),
- Locking and interlocking devices,
- Collective protective equipment: identification, verification, use.
- Personal protective equipment: identification, verification, use.

SPECIFIC THEMES B1V, B2V, B2V TEST:

- Characterization of work and limits: de-energized, energized with / without vicinity,
- Lockout officer and electrical operation officer: role, instructions, information exchange.
- Ability: symbol and limits.
- Prevention measures to be applied during work: eliminate risk, organize, delimit, report, respect and enforce.
- Electrical equipment in their environment: function, characteristics, identification.
- Applicable documents during work: safety instructions, lockout certificate, lockout first stage certificate, work authorization, notice of work termination...
- Work equipment used: risk, verification, identification, use.
- Safety instructions for Tests (for "Test" attribute).

SPECIFIC THEMES BC:

- Function of electrical equipment: isolation, protection, separation ...
- Electrical operation officer and work officer: role, instructions, exchange of information.
- Steps and documents applicable to lockout: one or two-stage lockout certificate, Notice of termination of work.

SPECIFIC THEMES BR BS:

- Limits of Abilities BR and BS,
- Functions of electrical equipment: disconnection, protection, control, separation,
- Electrical operation officer: role, instructions, exchange (documents, information), Instruction's respect,
- Work equipment used: risk, verification, identification, use,
- Documents applicable during an intervention: work authorization, safety instructions ...,
- Prevention measures to be applied during a general LV intervention: eliminate risk, organize, delimit, report, respect and enforce,
- Steps and documents applicable to a lockout for its own account.
- Specific High Voltage HV topics:
- Role and characteristics of neutral regimes,
- TT Earthing system schematic,
- IT Earthing system schematic,
- TN Earthing system schematic,
- TNC -TNS Earthing system schematic,
- Examination of an HV/LV transformer station,
- Characteristics and examination of the transformer,
- Isolation and protection measures of primary and secondary circuits,
- Measurement of the resistance of the earth electrodes, of the neutral and the HV locks,
- Transformer safety checks.

THE END

Tell me and I forget...
Teach me and I may remember...
Involve me and I learn...
Benjamin Franklin (1706-1790)

GET IN TOUCH NOW:

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