

Firefighting Courses

Course Name	Portable Extinguisher Handling	Duration	½ Day
Unit Standard Info	ID – 12484; Title - Perform basic firefighting; Accreditation Body – LG SETA		
Target Audience	<ol style="list-style-type: none"> 1. Intended for all employees as part of induction training, or who assist with basic fire safety duties 2. Office personnel, general workers, and appointed Marshals 		
Course Content	<ol style="list-style-type: none"> 1. Fire Behaviour 2. Portable Fire Extinguishers and Hose Reels 		

Course Name	Fundamentals of Fire Safety	Duration	1 Day
Unit Standard Info	ID - 12484; Title - Perform basic firefighting; Accreditation Body – LG SETA		
Target Audience	<ol style="list-style-type: none"> 1. Employees as part of induction training 2. Those appointed as safety representatives 3. Those who assist with basic fire safety duties 4. Appointed Fire Marshals 		
Course Content	<ol style="list-style-type: none"> 1. Fire Behaviour 2. Portable Extinguishers and Hose-Reels 3. Housekeeping 		

Course Name	Use a Self-Contained Breathing Apparatus - Basic	Duration	1 Day
Unit Standard Info	ID – 242852; Title - Use of a self-contained breathing apparatus; Accreditation Body – LGSETA		
Target Audience	<ol style="list-style-type: none"> 1. Intended for all employees who, through the nature of their work, could be required to use SCBA 2. Control room personnel 3. Employees working in oxygen reduced areas and fire watch / safety standby personnel 		
Pre-Requisites	<ol style="list-style-type: none"> 1. Mathematical Literacy and Communication at NQF Level 3 2. No Claustrophobia 		
Course Content	<ol style="list-style-type: none"> 1. Personal Protective Equipment 2. Self-Contained Breathing Apparatus 		

Course Name	Use a Self-Contained Breathing Apparatus – Advanced	Duration	3 Days
Unit Standard Info	ID – 242852; Title - Use of a self-contained breathing apparatus; Accreditation Body – LG SETA		
Target Audience	<ol style="list-style-type: none"> 1. Employees as a progressive course required to respond to an incident where SCBA must be used 2. Employees responsible to evacuate an area with a respiratory hazard 3. Persons responsible to rescue a victim within a respiratory hazardous area 4. Fire watch/safety standby personnel 		
Pre-Requisites	<ol style="list-style-type: none"> 1. Basic SCBA 2. Mathematical Literacy and Communication at NQF Level 3 		

	3. No Claustrophobia
Course Content	1. Self-Contained Breathing Apparatus 2. Introduction to Self-Contained Breathing Apparatus Re-Filling Equipment

Course Name	Self-Contained Breathing Apparatus Cylinder Re-Filling	Duration	2 Days
Target Audience	All personnel who operate high pressure breathing air compressors to re-fill self-contained breathing apparatus or diving cylinders		
Pre-Requisites	Mathematical Literacy and Communication at NQF Level 3		
Course Content	1. Legislation and Safety 2. Gas Laws and Cylinder Volume Calculation 3. Compressor Construction and Installation	4. Refilling Cylinders from a Compressor and Decanting From a Cascade System 5. Air Testing	

Course Name	Fire Preparedness	Duration	1 Day
Target Audience	1. All employees who respond to fires, or are to serve on a fire team 2. Employees responsible to respond to small fire incidents beyond the capability of portable fire extinguishers 3. Fire team tasked with defensive action to control possible spread of a fire		
Pre-Requisites	Communication at NQF Level 3		
Course Content	1. Fire Behaviour 2. Portable Extinguishers and Hose Reels	3. Fire Hoses 4. Fire Streams 5. Firefighting Foam	

Course Name	Firefighting in The Workplace	Duration	2 Days
Unit Standard Info	ID – 12484; Title - Perform basic firefighting; Accreditation Body – LG SETA		
Target Audience	1. Intended for all employees who respond to fires, or are appointed to serve on a fire team 2. Employees responsible to respond to a small fire incident beyond the capability of portable fire extinguishers 3. Employees responsible to assist emergency response teams and local authorities with fire incidents 4. Employees responsible to do basic fire safety standby at potential fire risk operations		
Pre-Requisites	Communication at NQF Level 3		
Course Content	1. Fire Behaviour 2. Portable Extinguishers and Hose Reels 3. Personal Protective Equipment	4. Water Supply 5. Fire Streams 6. Fire Hoses 7. Fire Brigade Equipment	

Course Name	Industrial Firefighting – Preliminary	Duration	5 Days
--------------------	--	-----------------	--------

Unit Standard Info	ID – 242853; Title - Perform support operations at a fire incident; Accreditation Body – LG SETA	
Target Audience	<ol style="list-style-type: none"> 1. Employees responsible to respond to a small fire incident beyond the capability of portable fire extinguishers 2. Intended for all employees who respond to fires, or are appointed to serve on a fire team 3. Employees responsible to assist emergency response teams and local authorities with fire incidents 4. Employees responsible to do basic fire safety standby at potential fire risk operations 5. Employees identified to serve on emergency response teams 	
Pre-Requisites	<ol style="list-style-type: none"> 1. Mathematical Literacy and Communication at NQF Level 3 2. It is recommended that all learners should be in a fit medical and physical condition as per industry standards and norms 3. No Claustrophobia or Acrophobia 	
Course Content	<ol style="list-style-type: none"> 1. Firefighter Orientation and Safety 2. Fire Behaviour 3. Portable Fire Extinguishers and Hose Reels 4. Fire Service Equipment 5. Personal Protective Equipment (PPE) and Self-Contained Breathing Apparatus (SCBA) 	<ol style="list-style-type: none"> 6. Ropes and Knots 7. Fire Services Ladders 8. Water Supply 9. Fire Streams 10. Fire Hoses 11. Common Power Plant Hazards 12. Power And Lighting Equipment 13. Protecting And Preserving Evidence

Course Name	Industrial Firefighting - Intermediate	Duration	5 Days
Unit Standard Info	ID – 242853; Title - Perform support operations at a fire incident; Accreditation Body – LG SETA		
Target Audience	<ol style="list-style-type: none"> 1. Intended for all employees who respond to fires, or are appointed to serve on a fire team 2. Employees responsible to respond to a small fire incident beyond the capability of portable fire extinguishers 3. Employees responsible to assist emergency response teams and local authorities with fire incidents 4. Employees responsible to do basic fire safety standby at potential fire risk operations 5. Employees identified to serve on emergency response teams 		
Pre-Requisites	<ol style="list-style-type: none"> 1. Industrial Firefighting Preliminary Level Certificate or equivalent 2. Mathematical Literacy and Communication at NQF Level 3 3. No Claustrophobia or Acrophobia 4. It is recommended that all learners should be in a fit medical and physical condition as per industry standards and norms 		

Course Content	<ol style="list-style-type: none"> 1. Revision Preliminary Firefighter 2. Fire Behaviour 3. Building Construction 4. Fire Control 5. Water Supply 6. Working With Hoses 7. Working From Ladders 8. Foam 	<ol style="list-style-type: none"> 9. Forcible Entry 10. Ventilation 11. SCBA / Search and Rescue 12. Salvage and Overhaul 13. Attack Groups 14. Sprinkler and Detection Systems 15. Pumps and Primers
-----------------------	---	---

Course Name	Industrial Firefighting – Advanced	Duration	5 Days
Unit Standard Info	ID – 242850; Title - Perform fire-ground necessary to ensure life safety, fire control and property conservation under supervision. Accreditation Body – LG SETA		
Target Audience	<ol style="list-style-type: none"> 1. Intended for all employees who respond to fires, or are appointed to serve on a fire team 2. Employees responsible to respond to a small fire incident beyond the capability of portable fire extinguishers 3. Employees responsible to assist emergency response teams and local authorities with fire incidents 4. Employees responsible to do basic fire safety standby at potential fire risk operations 5. Employees identified to serve on emergency response teams 		
Pre-Requisites	<ol style="list-style-type: none"> 1. Industrial Intermediate or Firefighter 1 2. Mathematical Literacy and Communication at NQF Level 3 3. No Claustrophobia or Acrophobia 4. It is recommended that all learners should be in a fit medical and physical condition as per industry standards and norms 		
Course Content	<ol style="list-style-type: none"> 1. Revision Intermediate Firefighter 2. Dangerous Goods 3. Extreme Fire Behaviour 4. Pre-Fire Planning 5. Firefighting Strategy 6. Liquid Petroleum Gas (LPG) and BLEVE 	<ol style="list-style-type: none"> 7. Dust Explosions 8. Flammable Liquid Storage Tanks 9. SCBA Emergency Procedures 10. Introduction to SCBA Re-Filling Equipment 11. Fire Suppression 	

Course Name	Petrochemical Firefighting	Duration	2 Days
Target Audience	<ol style="list-style-type: none"> 1. Employees on a fire team or emergency response team 2. It is recommended that the complete course must be attended at ETS Emergency Training Solutions (PTY) Ltd 3. If possible, the entire fire or emergency response team must attend as a unit 		
Pre-Requisites	<ol style="list-style-type: none"> 1. Industrial Intermediate Firefighter or Firefighter 1 2. Mathematical Literacy and Communication at NQF Level 3 3. No Claustrophobia or Acrophobia 4. It is recommended that all learners should be in a fit medical and physical condition as per industry standards and norms 		
Course Content	<ol style="list-style-type: none"> 1. Petrochemical Gasses 2. Petrochemical Flammable Liquids 3. Firefighting Foam 4. Fire Streams 	<ol style="list-style-type: none"> 5. Fire Suppression 6. Flammable Liquid Gasses and Firefighting Equipment 	

Course Name	Grass and Wildland Firefighting	Duration	1 Day
Unit Standard Info	ID - 117082; Title - Contribute to the suppression of wildfires at basic firefighting Level; Accreditation Body – FPM SETA		
Target Audience	Personnel who called upon to fight grass and wildland fires. (This course can also be presented at your premises)		
Course Content	<ol style="list-style-type: none"> 1. Legislation 2. Firefighter Safety and PPE 3. Basic Features of Fire Behaviour 4. Fire Hoses 5. Fire Streams 	<ol style="list-style-type: none"> 6. Methods and Procedures for Extinguishing Wildfires 7. Communicate Using Verbal and Hand Signals 8. Mop-Up Procedures 	

Course Name	Incident Commander	Duration	5 Days
Target Audience	Employees appointed as fire and emergency officers, safety officers and disaster management coordinators		
Pre-Requisites	Mathematical Literacy and Communication at NQF Level 3		
Course Content	<ol style="list-style-type: none"> 1. Staffing Fundamentals 2. Command 3. Incident Command Post 4. Command Staff 5. Operations 6. Planning 	<ol style="list-style-type: none"> 7. Logistics 8. Finance 9. Unified Command 10. Resource Management 11. Incident Management Case Studies 	

Course Name	Firefighter 1	Duration	30 Days
Unit Standard Info	ID - NFPA 1001 – Accreditation Body – IFSAC Available for Online/Self-Study		
Target Audience	Persons wishing to pursue a career as a professional firefighter		
Pre-Requisites	<ol style="list-style-type: none"> 1. First Aid Level 2 or proof of medical competency validated by the Authority having jurisdiction 2. Mathematical Literacy and Communication at NQF Level 3 3. No Claustrophobia or Acrophobia 		
Certification Requirements	Hazmat First Responders - Operational NFPA 472/1072 (IFSAC / Proboard / QCTO / SETA)		
Course Content	<ol style="list-style-type: none"> 1. Introduction to the Fire Service and Firefighter Safety 2. Communications 3. Building Construction 4. Fire Dynamics 5. Personal Protective Equipment 6. Portable Fire Extinguishers 7. Ropes and Knots 8. Ground Ladders 	<ol style="list-style-type: none"> 9. Forcible Entry 10. Structural Search and Rescue 11. Tactical Ventilation 12. Fire Hose 13. Hose Operations and Hose Streams 14. Fire Suppression 15. Overhaul, Property Conservation, and Scene Preservation 	

Course Name	Firefighter 2	Duration	20 Days
NFPA Standard Info	ID - NFPA 1001 – Accreditation Body – IFSAC Available for Online/Self-Study		
Target Audience	Persons wishing to pursue a career as a professional firefighter		
Pre-Requisites	<ol style="list-style-type: none"> 1. Firefighter 1 NFPA 1001 & First Aid Level 2 or proof of medical competency validated by the Authority having jurisdiction 2. Mathematical Literacy and Communication at NQF Level 3 3. No Claustrophobia or Acrophobia 		
Certification Requirements	Hazmat First Responders - Operational NFPA 472/1072 (IFSAC / Proboard / QCTO / SETA)		
Course Content	<ol style="list-style-type: none"> 1. Building Materials, Structural Collapse, and Effects of Fire Suppression 2. Technical Rescue Support and Vehicle Extrication Operations 3. Foam Firefighting, Liquid Fires, and Gas Fires 4. Incident Scene Operations 5. Fire Origin and Cause Determination 6. Maintenance and Testing Responsibilities 7. Community Risk Reduction 8. National Incident Management System — Incident Command Structure 		

Course Name	Pump Operator	Duration	10 Days
NFPA Standard Info	ID – NFPA 1002; Accreditation Body – IFSAC		
Target Audience	Persons who are responsible for operating apparatus equipment with the fire pump		
Course Content	<ol style="list-style-type: none"> Types of Apparatus Equipped with a Pump Apparatus Inspection and Maintenance Apparatus Safety and Operating Emergency Vehicles Positioning Apparatus Principles of Water Hose Nozzles and Flow Rates 	<ol style="list-style-type: none"> Theoretical Pressure Calculations Fireground Hydraulic Calculations Fire Pump Theory Operating Fire Pumps Static Water Supply Sources Relay Pumping Operations Water Shuttle Operations Foam Equipment and Systems Apparatus Testing 	

Course Name	Fire Service Instructor 1	Duration	10 Days
NFPA Standard Info	ID – NFPA 1041; Accreditation Body – IFSAC Available for Online/Self-Study		
Target Audience	Any person who wishes to pursue a career as a Fire Service Instructor. Candidates have the appropriate subject matter skills, knowledge, ability, and relevant years of service.		
Course Content	<ol style="list-style-type: none"> The Instructor as a Professional Principles Of Learning Instructional Planning Instructional Materials and Equipment Learning Environment 	<ol style="list-style-type: none"> Classroom Instruction Student Interaction Skills-Based Training Beyond the Classroom Testing And Evaluation Records, Reports and Scheduling 	

Course Name	Fire Officer 1	Duration	10 Days
Unit Standard Info	ID – 260121; Title – Supervise a Firefighting and Rescue Operation; Accreditation Body - LG SETA		
NFPA Standard Title	ID - NFPA 1021; Accreditation Body – IFSAC Available for Online/Self-Study		
Target Audience	Fire Service Company Officers, acting company officers, firefighting for promotion to company officer		
Pre-Requisites	<ol style="list-style-type: none"> Firefighter 2 NFPA 1001 & Hazmat Operations NFPA 472/1072 & First Aid Level 2 or proof of medical competency validated by the Authority having jurisdiction Mathematical Literacy and Communication at NQF Level 4 		
Certification Requirement	Fire Service Instructor 1 NFPA 1041 (IFSAC / Proboard / QCTO / SETA)		
Course Content	<ol style="list-style-type: none"> The Company Officer Organizational Structure Leadership and Supervision Human Resource Management Communication Administrative Functions 	<ol style="list-style-type: none"> Occupational Safety, Health, and Wellness Company-Level Training Building Construction, Fire Protection Systems, and Fire Behaviour Company Level Inspections and Pre-Incident Planning Delivery of Emergency Services 	

Course Name	Team Leader	Duration	5 Days
Target Audience	Short Course for employees appointed as team leaders of fire teams		
Pre-Requisites	Mathematical Literacy and Communication at NQF Level 4		
Course Content	<ol style="list-style-type: none"> 1. Teamwork 2. Leadership 3. Communication 4. Problem solving 5. Fire Brigade Act 6. Pre-Fire Planning 7. Post Fire Analysis 	<ol style="list-style-type: none"> 8. Firefighting Strategy 9. Firefighting Tactics 10. Action Plans 11. Incident Command System 12. Fire Ground Safety 13. Case Studies 14. Practical Exercises – Pre- Fire Plans 	

Fire Safety Courses

Course Name	Fire Watch	Duration	½ Day
Target Audience	Short course intended for employees doing standby duties at hot work and risk areas		
Pre-Requisites	Communication at NQF Level 3		
Course Content	1. Anatomy and Behaviour of Fire 2. Portable Fire Extinguisher Handling	3. Hose Reels 4. Fire Evacuation and Housekeeping 5. Fire Watch Responsibilities	

Course Name	Fire Inspector 1	Duration	10 Days
NFPA Standard Info	ID - NFPA 1031; Accreditation Body – IFSAC Available for Online/Self-Study		
Target Audience	Safety and risk control professionals required minimizing the possibility of incidents in their areas of responsibilities		
Pre-Requisites	Mathematical Literacy and Communication at NQF Level 4		
Course Content	1. Duties and Authority 2. Codes, Standards and Permits 3. Fire Behaviour 4. Construction Types and Occupancy Classifications 5. Building Construction 6. Building Components 7. Means of Egress 8. Site Access 9. Fire Hazard Recognition	10. Hazardous Materials 11. Water Supply Distribution Systems 12. Water-Based Fire Suppression Systems 13. Special-Hazard Fire Extinguishing Systems and Portable Extinguishers 14. Fire Detection and Alarm Systems 15. Plans Review 16. Inspection Procedures	

Course Name	Fire Inspector 2	Duration	10 Days
NFPA Standard Info	ID - NFPA 1031; Accreditation Body – IFSAC Available for Online/Self-Study		
Target Audience	All fire safety and risk control professionals required to manage the possibility of incidents in their areas of responsibilities		
Pre-Requisites	Fire Inspector Level 1 NFPA 1031 (IFSAC / Proboard / QCTO / SETA)		
Course Content	1. Duties and Authority 2. Codes, Standards and Permits 3. Fire Behaviour 4. Construction Types and Occupancy Classifications 5. Building Construction 6. Building Components 7. Means of Egress 8. Site Access 9. Fire Hazard Recognition	10. Hazardous Materials 11. Water Supply Distribution Systems 12. Water-Based Fire Suppression Systems 13. Special-Hazard Fire Extinguishing Systems and Portable Extinguishers 14. Fire Detection and Alarm Systems 15. Plans Review 16. Inspection Procedures	

Course Name	Fire Investigator	Duration	5 Days
NFPA Standard Info	ID - NFPA 1033; Accreditation Body – IFSAC Available for Online/Self-Study		
Target Audience	Senior fire, safety and risk control professionals and managers required to investigate the cause of a fire incident.		
Course Content	<ol style="list-style-type: none"> 1. Organisation, Responsibilities and Authority 2. Safety 3. Fire Dynamics: Behaviour, Chemistry and Physics 4. Explosion Dynamics 5. Basics of Building Construction as it Relates to the Fire Investigator 6. Building Services 7. Basic Electricity for the Fire Investigator 8. Investigative Process 9. Scene Security 	<ol style="list-style-type: none"> 10. Scene Documentation 11. Evidence Collection and Preservation 12. Interviews 13. Fire and Explosion Scene Examination 14. Area of Origin Determination 15. Debris Examination, Removal and Reconstruction 16. Ignition Source, Ignition Sequence and Cause Determination 17. Presentation of Investigative Findings 	