Código do curso: 16-94411

ABNT NBR 14276 Brigada de Incêndio e Emergência – Nível Básico

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LOCAIS DISPONÍVEIS
Rio de Janeiro

IDIOMAS DISPONÍVEIS
Inglês, Português

Este treinamento qualifica os trabalhadores para atuarem como membros da brigada de emergência no nível básico da ABNT NBR 14276:2020: prevenção de incêndios, combate a incêndios incipientes, condução da evacuação da área e prestação de primeiros socorros até a chegada de ajuda especializada. Atende ao currículo (Anexo B) e à carga horária recomendada (Anexo C) da norma, combinando 8 horas de teoria com 8 horas de estações práticas avaliadas, incluindo fogo real em uma área de treinamento conforme a ABNT NBR 14277.

Informações essenciais

Pré-requisitos
Over 18 years of age, literate and with good knowledge of the plant facilities (ABNT NBR 14276, item 4.2.1). Cotton or denim clothing and closed shoes for the live-fire practical session. Refresher training is required within 12 months of the previous training (item 4.3.6).

Para quem é?
Workers appointed or volunteering to join the fire and emergency brigade of facilities classified at the basic training level of ABNT NBR 14276 (Annex A), in any type of occupancy – industries, offices, commercial buildings, warehouses and offshore installations. Suitable for workers from any department; no previous brigade experience is required.

Avaliação
Written test with 10 questions (5 multiple choice + 5 true/false), available in Portuguese and English; pass mark 70%. Practical observation in all practical stations recorded on the Practical Performance Form; stations marked (*) are eliminatory. Approval requires at least 70% in the written test and a satisfactory result in the practical assessment.

Certificação
After successful completion of the course, you will receive a certificate in line with ABNT NBR 14276:2020 (Basic level – Annexes A, B and C); NR-23; State Fire Department technical instruction (IT/NT) for fire brigades, valid for 1 year

Course content

- **Module 1: Introduction and Legal Aspects**
  Training objectives and brigade levels; The emergency brigade; Brigade organisation; Selection and training of brigade members; Duties and conduct; Legal basis (NR-23, state fire department IT, Law 13,425/2017); Responsibility and failure to provide assistance; Calling public emergency services
- **Module 2: Fire: Theory, Classes and Prevention**
  Combustion and the fire triangle; Fire tetrahedron and chain reaction; Temperature points; Heat propagation; Fire dynamics: flashover and backdraft; Fire classes A, B, C, D and K; Fire prevention

- **Module 3: Extinguishment, PPE and Extinguishers**
  Extinguishing methods; Extinguishing agents; Extinguishing capacity; Personal protective equipment; Portable and wheeled extinguishers; Selection and distribution of extinguishers; Extinguisher operation; Visual inspection of extinguishers

- **Module 4: Area Evacuation and Reduced Mobility**
  Escape routes; Emergency signage; Emergency lighting; Warning and alarm systems; Area evacuation techniques; Assembly point and panic control; Persons with reduced mobility; Emergency from start to finish: fire

- **Module 5: Initial Assessment and Airways**
  First aid and the first aider; Scene assessment and biosafety; Mechanism of injury and triage; Primary assessment; Physical examination and vital signs; Airway obstruction; Airway clearance in adults and children; Airway clearance in infants

- **Module 6: CPR and AED**
  Cardiac arrest; Chain of survival; Adult CPR; Child and infant CPR; Automated external defibrillator (AED); Stopping CPR and recovery position

- **Module 7: Bleeding Control and Casualty Transport**
  Bleeding: concept and types; External bleeding control; Internal bleeding and shock; Principles of casualty handling; Transport without suspected spinal injury; Suspected spinal injury: long board and log rolls; Stretcher transport; Emergency from start to finish: first aid

- **Module 8: Plant Risks and Emergency Plan**
  The emergency plan; Plant-specific risks; Emergency magnitude; Basic response procedures; Response times; Application examples

- **Module 9: Fire and First Aid Practical Stations**
  Practical assessment and safety; Fire classes and extinguishing methods ; PPE and extinguishing agents; Extinguisher operation and inspection ; Plant risks: site visit; Initial assessment and triage; Airway clearance ; CPR with AED; Bleeding control; Casualty handling and transport

Key Learning Objectives

01 LO1 — Explain the organisation, duties and legal responsibility of the emergency brigade and how to call public emergency services.

02 LO2 — Explain combustion, temperature points, heat propagation, fire classes and fire prevention measures.

03 LO3 — Identify the extinguishing methods, extinguishing agents, basic-level PPE and the suitable extinguisher for each fire class.

04 LO4 — Describe escape routes, signage, emergency lighting, alarms and area evacuation techniques, including persons with reduced mobility.

05 LO5 — Apply the initial casualty assessment and airway clearance techniques for adults, children and infants.

06 LO6 — Apply CPR to adults, children and infants and the use of the automated external defibrillator (AED).

07 LO7 — Apply bleeding control, shock management and casualty handling and transport techniques.

08 LO8 — Interpret the emergency plan and the specific risks of the plant.

09 LO9 — Demonstrate incipient-fire fighting and first-aid techniques in assessed practical stations.