Course code: 16-55099

Safe Operation of Aerial Work Platform

Book at maersktraining.com

AVAILABLE LOCATIONS
Rio das Ostras

AVAILABLE LANGUAGES
Portuguese

DURATION
2 days

This training qualifies workers to operate Aerial Work Platforms (AWP/PTA) safely, protecting the physical integrity of the operator and of people moving in nearby areas. Based on NR-18 Annex IV, NR-12 and NR-35 and on international standards (ISO 16368, ISO 18878, ISO 18893, IPAF), it covers the types of AWP, manufacturer recommendations, safety requirements and devices, pre-use inspection, safe operation, risk analysis, the main types of accidents, emergency and rescue procedures and maintenance. It meets the NR-18 requirement that AWP operators be trained and certified before operating the equipment.

Essential Information

Prerequisites
Over 18 years of age, literate and medically fit for work at height (valid ASO/medical certificate). Previous NR-35 Work at Height training is recommended. Long trousers, closed safety shoes and standard PPE for practical activities.

Who is it for?
Operators and workers who carry out activities using Aerial Work Platforms (AWP/PTA) – articulated and telescopic boom lifts, scissor lifts, personnel lifts and crawler platforms – in industrial, maintenance, construction, port and offshore installations, as well as supervisors, ground rescue personnel and everyone directly or indirectly exposed to the risks of these activities. No previous AWP experience is required.

Assessment
Written test with 10 multiple-choice questions, available in Portuguese and English; pass mark 70%.

Certification
Upon successful completion, you will receive a Maersk Training certificate

Course content

- **Module 1: Introduction and Legal Aspects**
  Training objective and target audience; Introduction to AWPs; NR-12 – Safety at Work with Machinery and Equipment; NR-18 Annex IV – Aerial Work Platforms; NR-35 – Work at Height; Complementary standards (NR-10, NR-17, IPAF, ISO 16368, ISO 18878, ISO 18893); Definitions and concepts

- **Module 2: Types of AWP and Safety Requirements**
  Articulated boom platforms ; Telescopic boom platforms; Scissor lifts; Personnel lifts; Operating characteristics, advantages and main applications; Manufacturer recommendations; Minimum safety requirements; Safety devices (safety interfaces, interlocks, emergency stops, guards)

- **Module 3: Safe Operation and Risk Analysis**
  Pre-use inspection and checklist; Operation and emergency controls; Travel and positioning; Area isolation and signage; Ground conditions and visibility; Work near energised electrical networks; Risk analysis

- **Module 4: Accidents, Emergencies and Maintenance**
  Types of accidents; Emergency situations and prevention; Rescue planning and order of priority. Maintenance and inspection of controls, cables, safety and emergency devices; Lubrication and return to operation; Training and qualification of operators; Final provisions

Key Learning Objectives

01 LO1 — Explain the legal and regulatory requirements applicable to Aerial Work Platform (AWP) operation and the basic concepts and definitions of AWPs. Module 2 – Types of AWP and Safety Requirements

02 LO2 — Identify the types of AWP, the manufacturer's recommendations and the minimum safety requirements and safety devices of the equipment. Module 3 – Safe Operation and Risk Analysis

03 LO3 — Apply safe operating procedures for AWPs, including pre-use inspection and risk analysis of the task. Module 4 – Accidents, Emergencies and Maintenance

04 LO4 — Describe the main types of AWP accidents, the emergency and rescue procedures and the maintenance and operator training requirements.