



*Training Course:  
Vehicles Technical Check-Up/Inspection*

*1 - 5 December 2024*

*Cairo (Egypt)*

*Holiday Inn & Suites Cairo Maadi, an IHG Hotel*

## Training Course: Vehicles Technical Check-Up/Inspection

Training Course code: EN234906 From: 1 - 5 December 2024 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3900 € Euro

### Introduction

Vehicles Technical Check-Up/Inspection training course aims to train application-oriented and composite engineering and technical personnel who have the preliminary ability to engage in vehicle work in testing, maintenance, management, and service and higher technology applied talents who work for vehicle-related industries in vehicles production, construction, management, and service.

Global Horizon Training Center's Vehicles Technical Check-Up/Inspection Training Course provides the appropriate training to be able to accurately identify defects, make qualitative and quantitative wear and tear assessments and evaluate the condition of vehicles.

This training course can also provide Vehicle Inspector Monitoring to ensure they are finding, recording, and reporting any defects correctly.

The Vehicles Technical Check-Up/Inspection course is designed for:

- Road transport HGV.
- Passenger transport PSV industries.

### Target Audience

This course is intended for:

- Engineers.
- Vehicle inspector
- Safety personnel
- All staff who are responsible for the maintenance and inspection of the company's vehicles.

### Organizational Benefits

- Provides appropriate skills to staff who are new or experienced in inspecting vehicles.
- Improves the maintenance of company/organization vehicles which reduces vehicle downtime.
- Ensures the company's vehicles are better prepared for PMI and annual tests.
- Compliance with the Inspection Manual.
- Monitoring of vehicle inspectors provides peace of mind that they are making the correct decisions when it comes to maintenance issues and the roadworthiness of your vehicles.

### Training Objectives

At the end of this training program, participants will be able to:

- Comprehend all aspects of check-ups and inspections of vehicles.
- Understand the lighting system of the vehicles and the major failures of that system.

- Learn about the passenger and driver compartment inspection.
- Understand the tires and wheels check-up.
- Fully comprehend the brakes system of their vehicles, and the inspection procedure.
- Learn about the physical and visual inspection of the suspension and steering systems.
- Understand the heavy vehicles' body inspections.
- Learn the concepts of road tests and vehicle control.
- Know the required equipment for inspection.
- Understand the inspection procedures and standards

## Training outlines

### ACCESS, VEHICLE IDENTIFICATION, OVERVIEW, REFERENCE MATERIALS

- Licensed Technician Access to BAR-Safety Inspection System
- Vehicle Identification
- Inspection Overview
- Reference Materials

### LIGHTING

- Lighting System Inspection Overview
- Additional Lighting Systems and System Requirements
- Light Mounting Inspection
- Headlight Aim Inspection
- Bulb Failure Warning Light Inspection

### PASSENGER and Driver COMPARTMENT

- Passenger and Driver Compartment Inspection Overview
- Mirror Inspection
- Windshield and Rear Window Inspection
- Windshield Wipers Inspection
- Seat Inspection
- Seatbelt Inspection
- Air Bag Inspection
- SRS Warning Light Inspection

### TIRES AND WHEELS

- Tire and Wheel Inspection Overview
- Tire Inspection
- Wheel Inspection
- Tire Pressure Monitoring System Inspection
- Temporary Spare Tire

### BRAKES

- Brake System Inspection Overview
- Brake Pedal Inspection
- Power Braking Assistance Systems Inspection
- Friction System Inspection
- Hydraulic System Inspection

- Electric Trailer Brake System Inspection
- Air System Inspection
- Parking Emergency Brake Inspection
- Brake System Warning Lights and/or Warning Messages Inspection

## STEERING AND SUSPENSION

- Steering and Suspension Systems Inspection
- Physical Inspection
- Visual Inspection
- Steering and Suspension Warning Lights Inspection

## BODY STRUCTURE

- Body Structure Inspection Overview
- Passenger Vehicles Inspection
- Heavy Vehicles Inspection

## ROAD TEST

- Road Test Inspection Overview
- Horn Inspection
- Dashboard Warning Lights Inspection
- Stopping Test
- Vehicle Control

## REQUIRED EQUIPMENT

- Required Equipment for Vehicle Inspections
- BAR-SIS Equipment
- Lighting Inspection Tools, Equipment, and Reference Materials
- Tire and Wheel Inspection Tools
- Brake Inspection Tools, Equipment, and Reference Materials
- Required Equipment Electronic Transmission
- Required Equipment Location

## INSPECTION PROCEDURES AND STANDARDS

- Fleet Characterization
- Test Procedures
- Emission Standards
- Frequency of Inspection

## COMPLIANCE PROMOTION AND ENFORCEMENT

- Enforcement
- Compliance Promotion

## Registration form on the Training Course: Vehicles Technical Check-Up/Inspection

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....

Position: .....

Telephone / Mobile: .....

Personal E-Mail: .....

Official E-Mail: .....

### Company Information

Company Name: .....

Address: .....

City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....

Position: .....

Telephone / Mobile: .....

Personal E-Mail: .....

Official E-Mail: .....

### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
Giza, Giza Governorate,  
Egypt.