

COURSE OVERVIEW HE0069-3D

Hazardous Material Transportation Certification Program for Drivers

Course Title

Hazardous Material Transportation Program for Drivers

Course Reference

HE0069-3D

Course Duration/Credits

Three days/1.8 CEUs/18 PDHs



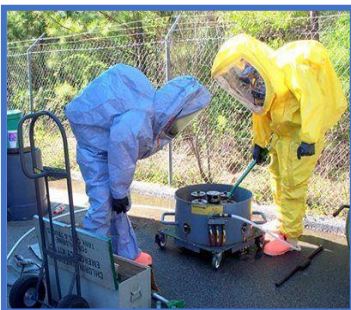
Course Date/Venue

Session(s)	Date	Venue
1	January 08-10, 2024	Al Aziziya Hall, The Proud Hotel Al Khobar, Al Khobar, KSA
2	March 04-06, 2024	Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE
3	June 03-05, 2024	Fujairah Meeting Room, Grand Millennium Al Wahda Hotel, Abu Dhabi, UAE
4	September 02-04, 2024	Club B Meeting Room, Ramada Plaza by Wyndham Istanbul City Center, Istanbul, Turkey

Course Description



This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops.



Hazardous materials are products that pose a risk to health, safety, and property during transportation. The term often is shortened to HAZMAT, which you may see on road signs, or to HM in government regulations. Hazardous materials include explosives, various types of gas, solids, flammable and combustible liquid, and other materials. Because of the risks involved and the potential consequences these risks impose, all levels of government regulate the handling of hazardous materials.



The Hazardous Materials Regulations (HMR) is found in parts 100 - 185 of title 49 of the Code of the USA Federal Regulations. The common reference for these regulations is 49 CFR 100 – 185.

The Hazardous Materials Table in the regulations contains a list of these items. However, this list is not all-inclusive. Whether or not a material is considered hazardous is based on its characteristics and the shipper's decision on whether or not the material meets a definition of a hazardous material in the regulations. The regulations require vehicles transporting certain types or quantities of hazardous materials to display diamond-shaped, square on point, warning signs called placards.

This course is designed to assist drivers in understanding their role and responsibilities in hauling hazardous materials. Drivers must have commercial driver licenses (CDL) with a hazardous materials endorsement before they can drive any size vehicle that is used to transport hazardous material as defined in 49 CFR 383.5. Further, the driver must pass a written test about the regulations and requirements to get this endorsement.

Everything drivers need to know to pass the written test is in this course. However, this is only a beginning. Most drivers need to know much more on the job. Drivers can learn more by reading and understanding the governmental rules applicable to hazardous materials.

All drivers must be trained in the security risks of hazardous materials transportation. This training must include how to recognize and respond to possible security threats. The regulations also require that drivers have special training before driving a vehicle transporting certain flammable gas materials or highway route controlled quantities of radioactive materials. In addition, drivers transporting cargo tanks and portable tanks must receive specialized training.

Course Objectives

Upon the successful completion of this course, you will be able to:-

- Get a hazardous material endorsement for your current commercial driving license which qualify you to drive any size vehicle that is used to transport hazardous material
- Apply and gain an in-depth knowledge on hazardous material transportation
- Recognize the intent of HAZMAT regulations including containing the material, communicating the risk and assuring safe drivers and equipments
- Discuss hazardous materials transportation including the shippers, carriers and driver
- Recognize the communication rules and describe its package labels, lists of regulated products, shipping paper, item description, shipper's certification, package marking and labels, recognizing hazardous materials, hazardous waste manifest, placarding and placard tables
- Implement proper loading and unloading and identify its general loading requirements
- Carryout bulk packaging marking, loading and unloading that includes markings, tank loading, flammable liquids and compressed gas
- Identify hazardous materials for driving and parking rules as well as hazardous materials for emergencies
- Review emergency response guidebook (ERG) and manage crashes/incidents, fires, responses to specific hazards and required notification
- Define various terms on hazardous materials including bulk packaging, cargo tank, carrier, consignee, division, EPA, FMCSR, freight container, fuel tank, etc

Exclusive Smart Training Kit - H-STK®



Participants of this course will receive the exclusive “Haward Smart Training Kit” (H-STK®). The H-STK® consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.

Who Should Attend

This course is a must for all drivers who are willing to drive any size vehicle that is used to transport hazardous materials.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures
- 20% Practical Workshops & Work Presentations
- 30% Hands-on Practical Exercises & Case Studies
- 20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Course Fee

Al Khobar	US\$ 3,750 per Delegate + VAT . This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Dubai	US\$ 3,750 per Delegate + VAT . This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Abu Dhabi	US\$ 3,750 per Delegate + VAT . This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Istanbul	US\$ 4,250 per Delegate + VAT . This rate includes Participants Pack (Folder, Manual, Hand-outs, etc.), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Certificate(s)

- (1) Internationally recognized Wall Competency Certificates and Plastic Wallet Card Certificates will be issued to participants who completed a minimum of 80% of the total tuition hours and successfully passed the exam at the end of the course. Certificates are valid for 5 years.

Recertification is FOC for a Lifetime.

Sample of Certificates

The following are samples of the certificates that will be awarded to course participants:-



- (1) Official Transcript of Records will be provided to the successful delegates with the equivalent number of ANSI/IACET accredited Continuing Education Units (CEUs) earned during the course

* Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology *



Haward Technology Middle East
Continuing Professional Development (HTME-CPD)

CEUs

CEU Official Transcript of Records

TOR Issuance Date: 14-Nov-21

HTME No. 3558-6717-5364-9527

Participant Name: Abdulsatar Al Otaibi

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE0069-3D	Hazardous Material Transportation Program for Drivers	12 Nov-14 Nov, 2021	18	1.8

Total No. of CEU's Earned as of TOR Issuance Date

1.8

TRUE COPY



Maricel De Guzman
Academic Director

Haward Technology has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this approval, Haward Technology has demonstrated that it complies with the ANSI/IACET 1-2013 Standard which is widely recognized as the standard of good practice internationally. As a result of their Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for programs that qualify under the ANSI/IACET 1-2013 Standard.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking Continuing Education Units (CEUs) in accordance with the rules & regulations of the International Association for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology is accredited by








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Course Accreditations


Certificates are accredited by the following international accreditation organizations: -

- 
The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units (CEUs)** in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **1.8 CEUs** (Continuing Education Units) or **18 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Mr. John Burnip, CSA, SMT, PSS, EHS, SAC, STS, IOSH, OSHA, NEBOSH-ENV, NEBOSH-IGC, NEBOSH-IFC, NEBOSH-PSM, NEBOSH-IOG, TechIOSH, is a **NEBOSH Approved Instructor** and a **Senior HSE Consultant** with over **45 years** of practical **Offshore & Onshore** experience within **Oil, Gas, Refinery, Petrochemical** and **Nuclear** industries. His wide experience covers **NEBOSH International General Certificate in Occupational Health & Safety, NEBOSH National Certificate in Construction Health & Safety, NEBOSH Environmental Management, Hazardous Materials & Chemicals Handling, PHA, HAZOP, HAZCOM, HAZMAT, HAZID, Hazard & Risk Assessment, Emergency Response Procedures Behavioural Based Safety (BBS), Confined Space Entry, Fall Protection, Emergency Response, Enhancing HSE Safety Performance & Effectiveness, Overhead & Gantry Crane Safety, HSE Principles & Practices Advanced, Lifting & Rigging Equipment Lifting Tackles Inspection License/Relicense, API 780 Security Risk Assessment Methodology for Petroleum & Petrochemical, Advanced Process Safety Management with PHA, Quantitative and Qualitative Risk Assessment, Scaffolding Equipment, Bracket Scaffolds, Scaffolding Labelling, Pre-fab Scaffolding; Erecting, Maintaining & Dismantling Scaffolding** in accordance with the **British Standards Code of Practice 5973; Heavy Lifting** operations, Cantilevered Hoists, **Offshore Operations, Offshore Construction, Basic Offshore Safety Induction & Emergency Training (BOSIET), Onshore Fabrication & Offshore Pipelaying & Hook-Up, Crane Inspection, Crane Operations, Oilfield Startup & Operation, Steel Fabrication, OSHA, ISO 9001, ISO 14001, OHSAS 18001 and IMO (SOLAS) Regulations.** Mr. Burnip has greatly contributed in upholding the highest possible levels of safety for numerous International Oil & Gas projects, Generation Systems & Platform Revamp, LPG & Gas Compression, Marine, Offshore and Power Plant Construction. Currently, he is the **HSE Advisor** of Solvay wherein he is responsible in planning and implementation of the corporate safety program (OSHA codes).

During Mr. Burnip's long career life, he had successfully carried out numerous projects in **Europe, North America, South America, Southeast Asia, Middle East** and the **North Sea**. He had worked for Delta Offshore Group, Solvay Asia Pacific, Likpin Dubai, SADRA/DOT, **ZADCO, McDermott International (USA, Qatar, Egypt, India, Oman, Dubai and Abu Dhabi), PDO, Shell, ARAMCO, Salman Field, Lemna Offshore Gas Field, GEC, Harland & Wolff PLC Belfast in North Ireland, Howard Doris – Kishorn in Scotland, Westinghouse Electric in Brazil and South Korea and Chevron Oil in Scotland** as the **Commissioning Project Engineer, Project & Safety Engineer, Estimating Engineer, Senior Instrument Engineer, Instrument Field Engineer, Lead Instrument Engineer, Instrument Engineer, Engineer, Emergency Response Training Manager, HSE Advisor, HSE Instructor, HSE Supervisor, Instrumentation Supervisor, Instrumentation Specialist, Project Coordinator, Instrumentation Technician and Tank Farm Instrumentation Technician.**

Mr. Burnip has a **Bachelor's degree in Business Studies** from the **Somerset University (UK)**. He is a **Certified/Registered Tutor in NEBOSH Certificate in Environmental Management, NEBOSH International General Certificate, NEBOSH International Certificate in Fire Safety & Risk Management, NEBOSH Process Safety Management Certificate and NEBOSH International Oil & Gas Certificate; a Certified Safety Auditor (SAC); a Certified ISO 45001 Auditor; an Environmental Health and Safety Management Specialist on Fall Protection, Elevated Structures, Material Handling, Trenching & Excavations; a Welding Brazing Safety Technician; a Certified Safety Administrator (CSA) - General Industry; a Safety Manager/Trainer – General Industry; a Petroleum Safety Manager (PSM) - Drilling & Servicing; a Petroleum Safety Specialist (PSS) - Drilling & Servicing; a Safety Planning Specialist; a Safety Training Specialist; a Certified Instructor/Trainer; a Certified Internal Verifier/Assessor/Trainer by the Institute of Leadership & Management (ILM) and further holds a Certificate in Mechanical Engineering Craft Practice from the City & Guilds of London Institute; a NEBOSH Level 3 Construction Certificate (UK); and holds a Cambridge Teaching Certificate.** He is a well-regarded member of the **National Association of Safety Professionals, the Association of Cost Engineers (UK), Institution of Occupational Safety & Health (TechIOSH)** and an **Associate Member of World Safety Organization.** Further, he has conducted innumerable trainings, workshops and conferences worldwide.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0930	The Intent of HAZMAT Regulations Contain the Material • Communicate the Risk • Assure Safe Drivers and Equipment
0930 – 0945	Break
0945 – 1100	Hazardous Materials Transportation – Who Does What? The Shipper • The Carrier • The Driver
1100 – 1230	Communication Rules Definitions • Package Labels • Lists of Regulated Products • The Shipping Paper • The Item Description • Shipper's Certification
1230 – 1245	Break
1245 – 1420	Communication Rules (cont'd) Package Markings and Labels • Recognizing Hazardous Materials • Hazardous Waste Manifest • Placarding • Placard Tables
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day One

Day 2

0730 – 0930	Loading & Unloading General Loading Requirements
0930 – 0945	Break
0945 – 1100	Bulk Packaging Marking, Loading & Unloading Markings • Tank Loading • Flammable Liquids • Compressed Gas
1100 – 1230	Hazardous Materials – Driving & Parking Rules Parking with Division 1.1, 1.2, or 1.3 Explosives • Parking a Placarded Vehicle Not Transporting Division 1.1, 1.2, or 1.3) Explosives • Attending Parked Vehicles
1230 – 1245	Break
1245 – 1420	Hazardous Materials – Driving & Parking Rules (cont'd) No Flares! • Route Restrictions • No Smoking
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Two

Day 3

0730 – 0900	Hazardous Materials – Driving & Parking Rules (cont'd) Refuel with Engine Off • 10 B:C Fire Extinguisher • Check Tires
0900 – 0915	Break
0915 – 1030	Hazardous Materials – Driving & Parking Rules (cont'd) Where to Keep Shipping Papers and Emergency Response Information? • Equipment for Chlorine • Stop Before Railroad Crossings
1030 – 1200	Hazardous Materials – Emergencies Emergency Response Guidebook (ERG) • Crashes/Incidents • Fires • Responses to Specific Hazards • Required Notification
1200 – 1215	Break
1215 – 1300	Hazardous Materials Glossary Bulk Packaging • Cargo Tank • Carrier • Consignee • Division • EPA • FMCSR • Freight Container • Fuel Tank • Gross Weight or Gross Mass • Hazard Class • Hazardous Materials • Hazardous Substance • Hazardous Waste • Intermediate Bulk Container (IBC)
1300 – 1315	Course Conclusion Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course
1315 – 1415	COMPETENCY EXAM
1415 – 1430	Presentation of Course Certificates
1430	Lunch & End of Course

Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

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