

COGTPR01

Loading of petrochemical products for transportation of petro-chemicals by road



Overview

This unit is about the requirements for a driver to receive loading instructions prior to any loading operation.

This unit deals with the following:

1. Receive Loading Instructions
2. Delivery of Petrochemical Products
3. Offloading of Petrochemical Products

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

Previous version:

Unit 1 National Occupational Standards in Transportation of Hazardous Materials – December 2008

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Performance criteria

- You must be able to:*
- P1 ensure you have no health condition likely to affect your driving as detailed in the current version of the Highway Code
 - P2 receive loading instructions that includes destinations and volumes
 - P3 be made aware of any pre-plans that may exist intimating any hazards to be aware of en route
 - P4 apply the latest version of the Carriage Regulations
 - P5 be in possession of and be wearing the correct PPE as identified in risk/COSHH assessment
 - P6 carry out driver checks (including safety equipment) in accordance with company policy and legislative requirements, and report any defects
 - P7 ensure all equipment associated with top/bottom loading and vapour recovery (if appropriate) is available
 - P8 check tank for product in accordance with procedures
 - P9 display the correct placarding and marking
 - P10 follow the correct loading and start-up procedures for grade/product selection and vapour return (if appropriate)
 - P11 load the road tanker using operational procedures
 - P12 ensure that compartment(s) are filled to the correct ullage
 - P13 ensure the integrity of compartment(s) on completion of loading
 - P14 follow the correct shut-down procedure

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Knowledge and understanding

You need to know and understand:

- K1 the importance of mental and physical preparation, e.g. medical/health requirements
- K2 alcohol, substance abuse and prescribed medication policies subject to current legislation
- K3 the importance of observing the rules and regulations relevant to working from heights
- K4 the company procedures relating to correct communication and reporting of information
- K5 the types of loading instructions, destinations and volumes
- K6 the company procedures in relation to pre-plans and other documentation relating to hazards en route
- K7 all legislation concerning the carriage of dangerous goods by road
- K8 the security requirements
- K9 the PPE requirements
- K10 safety briefing requirements
- K11 all aspects of loading whether top or bottom loading and vapour recovery systems (if appropriate)
- K12 understand the different types of requirements of placarding and marking
- K13 the correct loading and start-up procedures and selection of grade/product and vapour recovery (if appropriate)
- K14 the importance of having the correct ullage
- K15 the correct products to load and their volumes
- K16 how to measure compartment volumes including if necessary compartment dipping in compliance with legislation, where applicable
- K17 the correct shut-down procedures
- K18 understand the different grades and products

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Suite Transportation of Petro-Chemicals by Road

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