



PERFORMANCE | SAFETY | RELIABILITY

PSR INTERACTIVE



## OFFSITES 02 - OIL TRANSPORTATION

This program is designed to give your production personnel the knowledge, skills and focus to maximize the performance, safety and reliability of your road & rail terminal and wharf facilities, covering in detail topics such as:

- road & rail tanker loading methods, hazards and practices
- road & rail tanker fire & safety systems
- crude & product carrier classification and terminology
- crude & product carrier arrival at anchorage and berthing
- crude & product carrier ship to shore safety checks

CONTENT	DESCRIPTION
Introduction	A brief introduction designed to prepare trainees for the modules that follow
Module 01 - Road & Rail Tankers	<p>Types Of Loading - top loading, bottom loading, atmospheric venting and vapor recovery systems</p> <p>Hazards Of Loading - switch loading, personnel injuries, spillages of flammable products, formation of internal and external explosive mixtures, fires and explosions, ignition sources (electrostatic, lightning, personnel and external)</p> <p>Safe Practices &amp; Procedures - terminal entry security checks, washing bay, entry weighbridge, loading authorization, loading rack traffic flow, positioning tanker, grounding the tanker, deploying the loading arm, flow metering, flow computer, loading by compartment, exit weighbridge, shipping documentation, terminal exit security checks</p> <p>Safety &amp; Fire Protection - routine checking and testing</p>

## PROGRAM INFO

CATEGORY:  
Offsites

MODULES:  
3

PROGRAM DURATION:  
180-225 mins (approx)

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As with all our programs, the content is self-paced. Users are able to validate their understanding of the material through embedded interactive quizzes

Our programs are based on internationally recognized best practices and are designed to enable your production personnel to make a personal contribution to maximizing your profits and minimizing your losses

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For further details of the style and methodology of our training programs, please refer to our website, where you can watch a demo video and apply for a free trial:

[www.psrinteractive.com](http://www.psrinteractive.com)  
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CONTENT	DESCRIPTION
Module 02 - Crude Oil & Product Carriers	<p>Classification - clean and dirty tankers</p> <p>Nautical Terminology - forward or head, aft or stern, starboard, port, beam, list and trim</p> <p>Loading Terminology - deadweight, displacement, freeboard, draft, international zone chart, load lines, lightering, bunkering, deck manifolds, pumproom, cargo tanks, bulkheads, clean and dirty ballast</p> <p>Chartering Terminology - nomination, charter party or contract of affreightment, notification of ship's readiness, freight cost, laycan, laytime, demurrage, dispatch, dead freight, bill of lading, cargo manifest &amp; penalties</p> <p>Arrival At Anchorage - order to load/unload the ship, dangerous goods declaration, free pratique, cargo handling plan and berthing plan</p> <p>Berthing - types of berth and mooring line pattern</p>
Module 03 - Ship to Shore Safety Checks	<p>Mooring lines, gangways, onboard lighting, cargo physical properties &amp; characteristics, cargo tank venting, cargo tank inert gas blanketing, flammable &amp; toxic vapors, oil spills, ignition sources, static electricity, effects of weather, deck watch &amp; jetty watch, emergencies, firefighting equipment, procedures, ship to shore communications, signals, hoses, loading arms, topping off, cargo contamination, cargo discrepancies and dispatch</p>
Test	<p>Trainees answer a random selection of questions to demonstrate understanding of the content covered throughout the modules</p>