



OIL AND GAS | OG-064

Tank Farm and Terminal Operations

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Course content

Why Attend

Tank farms and terminals store and transfer crude oil, products and chemicals. Safe and efficient operation requires sound knowledge of tank design, product handling, measurement, inspection and emergency preparedness.

This Aractech course covers tank types and design, product receipt and dispatch, measurement and loss control, tank inspection and maintenance, fire protection, environmental controls, terminal safety and operational efficiency. Participants analyse real incidents and develop improvement actions.

Course Methodology

- Technical presentations
- Incident case studies
- Measurement exercises
- Inspection planning workshops
- Group discussions

Course Objectives

- Describe tank types and terminal facilities
- Manage product receipt, storage and dispatch
- Apply measurement and loss control practices
- Plan tank inspection and maintenance
- Manage fire protection and emergency response
- Improve terminal safety and efficiency

Target Audience

- Terminal and depot operators

Course content

- Tank farm supervisors
- Maintenance and inspection engineers
- HSE professionals

Course outline

Detailed course outline

Day-by-day outline for Tank Farm and Terminal Operations.

Day 1 - Terminals and Tank Farms

- 09:00-09:39 | Terminal functions
- 09:39-10:18 | Tank types
- 10:18-10:57 | Ancillary systems
- 10:57-11:00 | Product types
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Product types (continued)
- 12:05-12:43 | Regulations
- 12:43-14:00 | Exercise: Terminal layout review

Day 2 - Operations

- 09:00-09:39 | Receipt and dispatch
- 09:39-10:18 | Tank transfers
- 10:18-10:57 | Blending
- 10:57-11:00 | Marine and truck loading
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Marine and truck loading (continued)
- 12:05-12:43 | Operating procedures
- 12:43-14:00 | Workshop: Operations planning

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Day 3 - Measurement and Loss Control

- 09:00-09:39 | Tank gauging
- 09:39-10:18 | Metering
- 10:18-10:57 | Product accounting
- 10:57-11:00 | Loss control
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Loss control (continued)
- 12:05-12:43 | Reconciliation
- 12:43-14:00 | Exercise: Loss calculation

Day 4 - Inspection and Maintenance

- 09:00-09:39 | Tank inspection standards
- 09:39-10:18 | Floating roofs and seals
- 10:18-10:57 | Corrosion and repairs
- 10:57-11:00 | Cleaning
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Cleaning (continued)
- 12:05-12:43 | Maintenance planning
- 12:43-14:00 | Case study: Tank failure

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Day 5 - Safety and Environment

- 09:00-09:45 | Fire protection
- 09:45-10:30 | Overfill prevention
- 10:30-11:00 | Vapour control
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Vapour control (continued)
- 11:45-12:30 | Emergency response
- 12:30-13:15 | Performance improvement
- 13:15-14:00 | Capstone: Terminal improvement plan

Seminar dates

Available seminar dates

Live dates and pricing for Tank Farm and Terminal Operations generated from the course details page.

Date	Location	Format	Fee
16 - 20 November 2026	Barcelona	Classroom	€2,815
7 - 11 December 2026	Munich	Classroom	€3,225
11 - 15 January 2027	Barcelona	Classroom	€2,815
8 - 12 February 2027	Amsterdam	Classroom	€2,830
8 - 12 March 2027	London	Classroom	€2,315
12 - 16 April 2027	Munich	Classroom	€3,225
10 - 14 May 2027	London	Classroom	€2,315
14 - 18 June 2027	Barcelona	Classroom	€2,815
12 - 16 July 2027	Munich	Classroom	€3,225
9 - 13 August 2027	Barcelona	Classroom	€2,815

Seminar dates

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Live dates and pricing for Tank Farm and Terminal Operations generated from the course details page.

Date	Location	Format	Fee
13 - 17 September 2027	Amsterdam	Classroom	€2,830
11 - 15 October 2027	London	Classroom	€2,315
8 - 12 November 2027	Munich	Classroom	€3,225
13 - 17 December 2027	London	Classroom	€2,315
16 - 20 November 2026	Online / Live	Online / Live	€1,815
7 - 11 December 2026	Online / Live	Online / Live	€1,815
11 - 15 January 2027	Online / Live	Online / Live	€1,815
8 - 12 February 2027	Online / Live	Online / Live	€1,815
8 - 12 March 2027	Online / Live	Online / Live	€1,815
12 - 16 April 2027	Online / Live	Online / Live	€1,815

Seminar dates

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Date	Location	Format	Fee
10 - 14 May 2027	Online / Live	Online / Live	€1,815
14 - 18 June 2027	Online / Live	Online / Live	€1,815
12 - 16 July 2027	Online / Live	Online / Live	€1,815
9 - 13 August 2027	Online / Live	Online / Live	€1,815
13 - 17 September 2027	Online / Live	Online / Live	€1,815
11 - 15 October 2027	Online / Live	Online / Live	€1,815
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