

# CHEM-eL

## Online Interactive Chemical Tanker Operations Training

### Summary

CHEM-eL provides the required knowledge and understanding that is specified in STCW Table A-V/1-1-3 to ship's personnel for safe and efficient chemical tanker operations. The content of this course covers the subject matter set out in the syllabus of IMO Model Course 1.04, "Specialized Training for Chemical Tankers". Successful completion of the course will prepare personnel for compliance with current operations, statutory and classification requirements. CHEM-eL can be used to supplement an owner's or operator's existing training program. Shore personnel seeking to enhance their knowledge of this subject also will find this course beneficial.

### Benefits

- Online accessibility allows participants to study at their own pace and location
- Online coaching available
- Promotes uniform learning of shore staff, officers and crew
- Potential savings of time and cost
- Participants' learning progress is recorded and tracked for easy monitoring
- Assessments included to confirm understanding of content
- User-friendly, interactive interface
- High quality graphics to enhance the learning experience
- Generates an ABS Academy certificate upon successful completion



## Technical Highlights

CHEM-eL comprises the following self-study modules:

- Introduction
- Chemical and Physical Properties
- Hazards and Hazard Control
- Design and Cargo Containment
- Cargo Handling Systems
- Safe Working Practices in Chemical Tankers
- Pollution Prevention
- Cargo Handling and Ballast Operations
- Tank Cleaning Operations
- Risk Management on Chemical Tankers
- Ship/Shore Interface
- Emergency Operations
- Contingency Planning – SMPEP
- Commercial Aspects of Custody Transfer
- Maritime Security Relating to Carriage of Liquid Cargoes



At a minimum, the course will take a participant 29 study hours to complete.

## Assessment and Certification

Each module of the course comes complete with a self-assessment to help candidates verify their learning comprehension. A final assessment also is provided upon satisfactory completion of all modules. A certificate of course completion is issued upon passing all assessments.

## eCoaching

To enhance learning support, an eCoach feature is accessible within each module. Requests and comments will be addressed by a dedicated team of experienced chemical tanker operators.

## Specifications

Minimum requirements for optimal performance:

- Broadband internet connection with minimum download speed of 1Mbps
- Mozilla Firefox or Microsoft Internet Explorer 6 or higher
- Browser's popup-blocker disabled and Java script enabled
- Screen Resolution of 1024 x 768 pixels
- Adobe Flash Player 10 or higher

For further information email: [CHEM-eL@eagle.org](mailto:CHEM-eL@eagle.org) or to contact your nearest ABS Academy, visit [www.absacademy.org](http://www.absacademy.org)