

# Online Petchem Supply Chain Training

FOR THE LIQUID BULK AND CHEMICAL INDUSTRY

ener8 Academy

ener8

01





## **PETROCHEMICAL MARKETS**

Learn about petchem markets, commercial contracts, Incoterms, Letter of Credit, and supply chain design.



## **CHEMICAL PARCEL TANKERS**

Study about chemical parcel tankers, chartering, shipbroking, operations, demurrage, and market dynamics.



## **TANK STORAGE**

Become familiar with tank terminals, storage contracting, terminal operations, and market dynamics.



## **SECONDARY DISTRIBUTION**

Acquire an understanding of logistics solutions, tank containers, flexitanks, drums, IBCs, and market dynamics.



## **SUSTAINABLE SUPPLY CHAIN**

Put it all together and learn how to set up a sustainable supply chain, including storage hub & transport selection.

**A scalable playbook to  
boost careers and  
performance.**

02



## **BILL OF LADING**

Bonus module - Introduction to the BL, delivering against a Letter of Indemnity, and risks in delivering against a BL.



## **LOSS CONTROL**

Bonus module - Product losses at tank terminals, shortage claims against vessels, and product loss mitigation.



## **HSEQ**

Bonus module- Introduction to safety culture, safety management systems, crisis response, and contingency planning.



## **CERTIFICATE**

Congratulations! You can download your certificate and apply what you have learned.

# **Bonus modules & reward.**

# 03



# Sharing valuable knowledge

I learned all of this the hard way over more than 20 years in the industry, but the beautiful part for you is that you don't need to spend so much time, money, and effort, and can learn it all now by simply following my online petrochemical supply chain training.

**RUDI STALMANS**

Course Trainer &  
Managing Director at ener8

04

# Petrochemical markets

Introduction to petrochemicals, major petrochemicals, and their use in daily life.

The advantage of understanding petrochemical flows.

Spot versus term contracts, Incoterms, terms & conditions, pricing methodology, typical nomination procedures, and letter of credit.

Introduction to setting up a supply chain.

Commercial versus logistics contracts.

**15 UNITS**

05



# Chemical parcel tankers

Type of tankers, chemical parcel tankers, and introduction to Marpol & IBC Code.

Chartering, ship broking, charter party, COA, Spot, and Time Charters.

Vessel scheduling, ship agents, tank cleaning, voyage planning, and operations.

Laytime and demurrage.

Tanker risk assessment and vetting.

Market dynamics.

**13 UNITS**

06

# Tank storage

Type of tank terminals, services, and typical contract duration.

Basic tank design introduction, tank capacity, and terminal interfaces.

Tank terminal challenges, scheduling, and optimization.

The players, contracting, and revenue breakdown.

Terminal risk assessment and selection.

Market dynamics.

**12 UNITS**

07



# Secondary distribution

Review of logistics services and introduction to container shipping.

Regulations and introduction to the IMDG Code.

The use of drums and Intermediate Bulk Containers (IBC).

The use of tank containers & flexitanks, including selection process, regulations, and market dynamics.

**11 UNITS**

08

# Setting up a sustainable supply chain

Reducing shipping costs with commercial swaps.

Inventory management review.

Transport mode selection for your supply chain, reviewing lead times, transport cost, shipping volumes, demurrage, detention, and safety risks.

Storage and distribution hub selection.

Putting it all together, and conclusion.

\*This module includes an assignment to test yourself.

7 UNITS

09



**70 UNITS**  
8 MODULES

# How it works

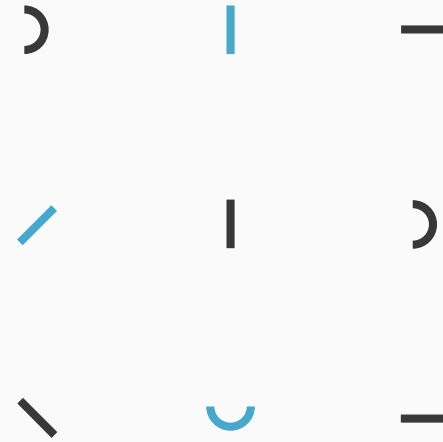
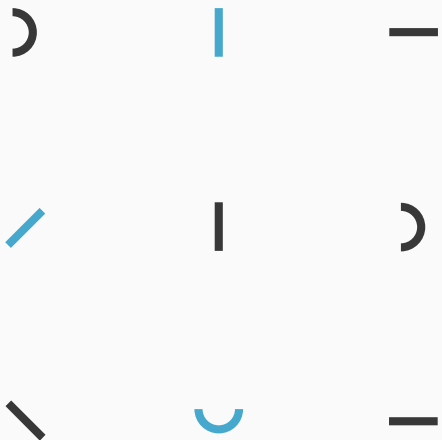
**ener8 Academy**  
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**STEP 1**  
Book your training and get access to our eLearning platform.

**STEP 2**  
Start your online training at your own pace. Units come with on-demand videos, online slide deck, resources, and quizzes.

**STEP 3**  
Download your certificate.  
Target pass mark of 80%.

11



## Premium package

Expert-led video course covering the liquid bulk and chemical supply chain.

8 units & 70 modules.

Access to online videos and slide decks.

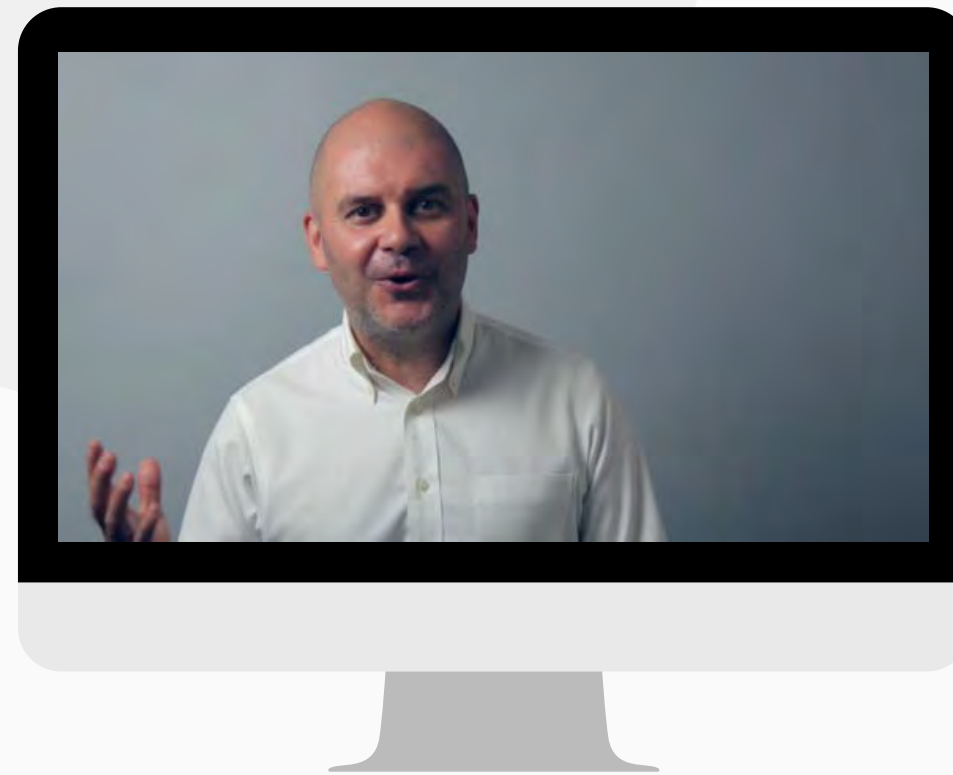
Quizzes and assignments.

One-hour private Q&A session.

Access for the lifetime of the course.

Certificate of completion.

\*This brochure is for reference only and the full program is subject to our terms and conditions



## How long does the course take to complete?

New content is gradually released during the first month from the time of sign-up. You can complete the training within one month, but you can study at your own pace.

## How long can I access the course?

You will have online access for the lifetime of the course. It means that you will have access for as long as we continue to run the training and service. You will have guaranteed access for at least one year after your enrollment.

## Is there a live element to the course?

With our premium package, you get a private 1-hour Q&A session to be held within 6 months after sign-up. You send me your questions related to the course in advance, and I will answer them during our private online session.

# Is this training a good fit for you?

## **YOUNG TALENT**

You want to make a career in the liquid bulk & chemical supply chain.

You are hungry to move up the career ladder.

You need practical training that you can apply immediately.

## **SUPPLY CHAIN PROFESSIONALS**

You are involved in one segment of the industry and need a better understanding of the whole supply chain.

You need to optimize your supply chain operations and create efficiencies.

You need to work closely with your commercial team to align commercial and supply chain activities.

## **TRADERS & COMMERCIAL STAFF**

You are a trader, and also need to understand the liquid bulk & chemical supply chain.

You need to comprehend shipping and logistics to create a competitive commercial advantage.

You need to align trading and logistics to avoid costly mistakes.

# Course overview

PETCHEM SUPPLY CHAIN TRAINING

Module 1	Petrochemical Markets
Unit 1	Introduction
Unit 2	What are petrochemicals?
Unit 3	How are petrochemical produced?
Unit 4	Major petrochemicals
Unit 5	Use of petrochemicals in daily life
Unit 6	Advantage of understanding petchem flows
Unit 7	Spot versus term contracts
Unit 8	Incoterms
Unit 9	Terms & conditions
Unit 10	Petrochemical pricing methodology
Unit 11	Typical nomination procedures
Unit 12	Letter of credit
Unit 13	Introduction to setting up a supply chain
Unit 14	Commercial versus logistics contracts
Unit 15	Conclusion

Module 2	Chemical Parcel Tankers
Unit 1	Introduction
Unit 2	Tankers by type & size
Unit 3	Chemical parcel tankers
Unit 4	Marpol 73/78 & IBC Code
Unit 5	Parcel tanker chartering
Unit 6	Vessel scheduling & itinerary
Unit 7	Ship agents
Unit 8	Tank cleaning
Unit 9	Voyage & operations
Unit 10	Demurrage
Unit 11	Tanker vetting
Unit 12	Market dynamics
Unit 13	Conclusion

Module 3	The Bill Of Lading
Unit 1	Introduction
Unit 2	The Bill of Lading
Unit 3	Risks in delivering against Bill of Lading
Unit 4	Conclusion

Module 4	Tank Storage
Unit 1	Introduction
Unit 2	Type of tank terminals
Unit 3	Contract durations & services
Unit 4	Basic tank design, interfaces & regulations
Unit 5	Tank capacity
Unit 6	Tank terminal challenges
Unit 7	Scheduling & optimization
Unit 8	The players
Unit 9	Revenue breakdown
Unit 10	Terminal risk assessment
Unit 11	Market dynamics
Unit 12	Conclusion

Module 5	Product Losses
Unit 1	Introduction
Unit 2	Product losses at tank terminals
Unit 3	Shortage claims against vessels
Unit 4	Conclusion

Module 6	Secondary Distribution
Unit 1	Introduction
Unit 2	Logistics Services
Unit 3	Container shipping
Unit 4	Regulations
Unit 5	Drums
Unit 6	Intermediate Bulk Containers
Unit 7	Tank Containers
Unit 8	Flexitanks
Unit 9	Risk assessments
Unit 10	Market dynamics
Unit 11	Conclusion

Module 7	Setting Up A Sustainable Supply Chain
Unit 1	Introduction
Unit 2	Commercial swaps
Unit 3	Inventory management
Unit 4	Transport selection
Unit 5	Hub selection
Unit 6	The overall picture
Unit 7	Conclusion

Module 8	HSEQ And Training Closure
Unit 1	Introduction
Unit 2	The importance of HSEQ
Unit 3	Conclusion
Unit 4	Evaluation and certificate download



14

**Interested?  
Contact  
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15