Product Properties and Characteristics

Overview

Cargo refers to the liquid or solid forms of material being transported in bulk. Through bulk transportation, companies are able to move large containers worth of material from one part of the world to another.

This enables growth in the economy and facilitates trade between nations. In this course, we learn about a common resource of bulk transportation, namely, Crude oil, products derived from Crude oil through distillation and its many properties. We learn about their chemical and physical nature, how it is derived from the earth and the many ways in which it is used.

Course Outline

Product Properties and Characteristics

Module 01 Introduction	**Module 04** Physical Classification of Crude Oil
Module 02 Products and Chemicals	**Module 05** Storing Crude, Products and Chemicals Safely and Effectively
Module 03 Physical Product Properties	**Module 06** Blending Products

BENEFITS

- This course will equip you with knowledge about bulk transport and storage of Crude oil and its products.
- Gain knowledge about the products that are made from crude oil through a distillation process.
- Learn about the physical properties of crude oil and its derivative products, as well as.
- The physical classification of crude oil.
- Learn how to store crude oil, products and chemicals safely.
- You also benefit from this course by learning about blending processes and their importance.

LEARNING OUTCOMES

- Demonstrate an understanding of the basics of crude oil, including its history, classification, and refining processes.
- Identify the chemical and physical properties of crude oil and its derived products.
- Evaluate the importance of the physical classification of crude oil and how these properties impact the transportation and refining of crude oil.
- Develop an understanding of the safety and storage considerations related to crude oil and its derived products.
- Analyze the process of blending petroleum products to meet specific performance and regulatory requirements.

Learning Delivery Methodology

Choose your learning path

SELF-PACED LEARNING (LMS)

Our Self-Paced Learning model is designed for flexible, independent study, allowing students to learn at their own pace. This method is ideal for those who prefer structured courses they can access anytime, anywhere.

COHORTLEARNING

On-site Classroom Delivery (In-person)

This traditional learning method involves attending classes in person, providing a structured environment and face-to-face interaction.

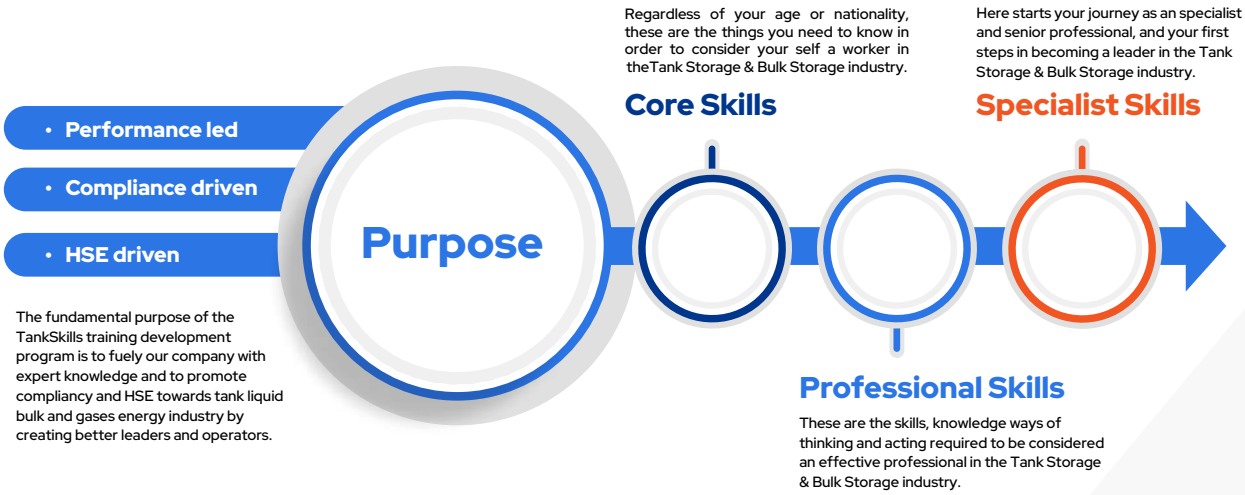
Virtual Classroom Delivery (Online Stream)

This model o□ers live, online instruction, mimicking traditional classroom settings and providing an interactive learning experience.

HyFlex Classroom Delivery (Mixed On-site and Online Stream)

The HyFlex Classroom combines in-person and online learning, o□ering maximum flexibility. Students can choose to attend in-person or stream classes online.

TANKSKILLS PROFESSION MAP



The fundamental purpose of the TankSkills training development program is to fuely our company with expert knowledge and to promote compliancy and HSE towards tank liquid bulk and gases energy industry by creating better leaders and operators.

These are the skills, knowledge ways of thinking and acting required to be considered an effective professional in the Tank Storage & Bulk Storage industry.

FEATURES

- Digital Learning
- Multi-Lingual Platform
- Online Portal for Assessments
- Status Reports
- Student Forums
- F2F Virtual Trainer Support
- Competency Framework

Tank Skills

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