

BCP

Certification Training Course

2023

Customer
Information



QuantityWare

the quantity conversion solution



Course Details

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This highly interactive training course communicates the QuantityWare (QW) BCP (Bulk Calculations – Petroleum) solutions’ full capabilities. After successful course completion, you will receive the QW Petroleum Measurement Specialist BCP Certification, showing your ability to monitor, test, configure and extend quantity conversion solutions via the QW Petroleum Measurement Cockpit, (PMC) leveraging the QW BCP customizing reference client. You will refine and deepen your existing knowledge concerning quantity conversions for crude oil & products (including LPG), providing a foundation for designing optimized quantity value data flow in SAP Oil, Gas, and Energy systems.

Goals

- Understand and apply PMC capabilities.
- Configure measurement standards-based quantity conversions for SAP Oil, Gas, and Energy systems.
- Understand ‘Translation’ needs between business measurement requirements and technical implementation
- Define production ready test scenarios ensuring stable production processes and fulfilment of GRC and Transparency obligations.
- Leverage the Project Assessment and Implementation Guidelines (PAIG)
- Obtain deep insights into the engineering background for petroleum measurement procedures
- Implement BCP into SAP Oil, Gas, and Energy landscapes with legacy conversions

Objectives

- Identify the most relevant petroleum measurement standards for liquid bulk products
- Set up unit of measure definitions including rounding definitions for all relevant liquid product groups
- Utilize the QW configuration template as a blueprint for customer configuration requirements
- Apply sound engineering knowledge to define advanced conversion settings
- Define tolerance groups, reading groups, unit of measure groups and conversion groups for production usage based on specific customer requirements
- Understand additional requirements when implementing BCP into legacy systems
- Migrate "C"-code based conversion groups to QW conversion groups.
- Print lists of various measurement standards and explain results of quantity conversions

Contents

- Unit 1: Petroleum Measurement Cockpit Overview
- Unit 2: Project Assessment & Implementation Guidelines
- Unit 3: Quantities, Dimensions & Units
- Unit 4: Petroleum Measurement Standards
- Unit 5: Quantity Conversion Configuration
- Unit 6: Quantity Conversion Test Scenarios
- Unit 7: Basic Physics & Engineering Background: Bulk Liquids
- Unit 8: Advanced Configurations: LPG & Crude Oil
- Unit 9: Legacy System Implementations
- Unit 10: Final Presentation

Key Information

Prerequisites

This is an EXPERT course. You MUST meet at least one of the following prerequisites:

- SAP Oil, Gas, and Energy logistics applications Key user (e.g. TSW, Tank / Inventory Management, Transportation & Distribution) with strong SAP process knowledge
- Key user with strong engineering skills
- At least two years’ experience as a technical consultant implementing SAP Oil, Gas, and Energy solutions

Dates

- An initial annual program schedule, registration and quote request are possible on the QW website.
- Visit www.quantityware.com, click “Our Solution” and then “Training Courses”.

Target Audience

- Industry petroleum measurement specialists (inventory managers, stock controllers, inspectors, product schedulers)
- SAP consultants implementing SAP Oil, Gas, and Energy logistics business processes

Stats

- 5 days duration
- English language only
- 3 – 5 participants
- Location: Bruchsal, Germany (near Walldorf)

Price

- 6000 Euro (excluding taxes).
- Travel, accommodation and meals are not included in the price. Refreshments and a light lunch are provided.