BCG

Certification Training Course 2027

Customer Information

QuantityWare
the quantity conversion solution

Course Details

BCG Certification Training Course 2027

This interactive training course communicates the QuantityWare (QW) BCG (Bulk Calculations – Gas) solutions' full capabilities. You will show your ability to monitor, test, configure and extend quantity conversion solutions via the QW Gas Measurement Cockpit (GMC), using the QW BCG customizing reference client. You will refine and deepen your existing knowledge concerning quantity conversions for LNG, dry natural gas, hydrogen and other industrial gases, providing a foundation for designing optimized quantity value data flow in SAP Oil, Gas, and Energy systems. After successful course completion, you will receive the QW BCG Certification and become a QuantityWare Certified Consultant (QWCC).

Goals

- Understand and apply GMC 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 QW Project Assessment and Implementation Guidelines (PAIG)
- Obtain deep insights into the engineering background for gas measurement and calculation procedures
- Implement BCG into SAP Oil, Gas, and Energy landscapes with legacy conversions

Objectives

- Identify the most relevant gas measurement standards for:
  - LNG (liquefied natural gas)
  - Low and high pressure dry natural gas
  - High pressure hydrogen gas
  - High pressure hydrogen / dry natural gas mixtures
  - Other industrial gases
- Utilize the QW configuration template as a blueprint for customer configuration requirements
- Set up unit of measure definitions for gas quantity conversions
- Define tolerance groups, reading groups, unit of measure groups and conversion groups for production usage based on specific customer requirements
- Print physical property data lists and explain quantity conversion results
- Perform chemical composition property calculations for LNG and dry natural gases
- Hold the final BCG implementation presentation
- Obtain the BCG certification

Contents

- Unit 1: Gas Measurement Cockpit Overview
- Unit 2: Project Assessment & Implementation Guidelines
- Unit 3: Quantities, Dimensions & Units
- Unit 4: Natural Gas Property Conversions
- Unit 5: Natural Gas Measurement Standards
- Unit 6: Quantity Conversion Configuration
- Unit 7: Quantity Conversion Test Scenarios
- Unit 8: Basic Engineering Background: LNG & Dry Natural Gases
- Unit 9: Hydrogen Quantity Conversions
- Unit 10: Advanced Configurations: LNG
- Unit 11: Advanced Configurations: Dry Natural Gas & Industrial Gases
- Unit 12: Final Presentation

NOTE: Condensate and NGL configurations will be briefly discussed, however they are not in scope of the BCG training; they are a part of the BCP training.

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, 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

- Gas measurement specialists (inventory managers, transmission controllers, inspectors, LNG schedulers...)
- SAP consultants implementing SAP Oil, Gas, and Energy logistics business processes

Key Stats

- Duration: 5 days
- Language: English
- Participants: 3 – 5
- 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

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