



BCS – Information

Supported Products Manual

Lists the products supported by the BCS solution at the time of document publication and future planned extensions

Notes

The latest version of this documentation can be found in the QuantityWare [Knowledge Base](#). All documentation is kept current for the combinations of latest BCS release with the latest supported SAP Oil & Gas release. For all currently supported combinations see [Note #000086 "Support and Release \(Lifecycle\) details"](#) page 2, "Release Lifecycle".

Your release level can be determined via:

`"/o/QTYW/COCKPIT" -> "Cockpit" -> "Support Package Level"`

Version History

Version	Date	Description
v00	2017-08-02	Initial Version
v01	2017-11-10	
v02	2019-09-25	
v03	2021-09-20	S/4HANA 2020 / 2020_EX validity confirmed. Modern QW document style applied

Contents

1. Compliance & Transparency – Petroleum (CTP)	4
2. Bulk Calculations - Petroleum (BCP)	5
3. Compliance & Transparency – Gas (CTG)	6
4. Bulk Calculations – BCG (Gas)	7

1. Compliance & Transparency – Petroleum (CTP)

CTP covers:

- All crude petroleum and its products that are present in the liquid phase (state) at normal (standard) ISO conditions as specified in ISO 91:2017(E) Annex B “Standard reference conditions”. In general, this covers crude petroleum and its products but also includes liquid hydrocarbons (LPG/NGL) having a vapor pressure greater than atmospheric pressure at 15 °C, in which the standard pressure shall be equilibrium pressure at 15 °C. The standard conditions are 101.325 kPa and 15 °C.
- All bio fuel products which are present in the liquid state at ISO conditions specified in ISO 91:2017(E) Annex B “Standard reference conditions”, like biodiesel and bioethanol
- All petrochemical base products (e.g. industrial aromatic hydrocarbons) that are present in the liquid state at ISO conditions specified in ISO 91:2017(E) Annex B “Standard reference conditions”.
- All additional chemical base products (methanol, ethanol etc.) that are present in the liquid state at ISO conditions specified in ISO 91:2017(E) Annex B “Standard reference conditions”.

For all products falling into one of these categories, QuantityWare already offers or plans to offer implementations of quantity conversion standards, depending on the availability of national/international measurement standards and customer requirements. For a detailed list of standards supported with CTP, please refer to the document “CTP Supported Standards Manual” for your QuantityWare BCS release level.

2. Bulk Calculations - Petroleum (BCP)

BCP covers:

- All crude petroleum and its products that are present in the liquid phase (state) at normal (standard) ISO conditions as specified in ISO 91:2017(E) Annex B “Standard reference conditions”. In general, this covers crude petroleum and its products but also includes liquid hydrocarbons (LPG/NGL) having a vapor pressure greater than atmospheric pressure at 15 °C, in which the standard pressure shall be equilibrium pressure at 15 °C. The standard conditions are 101.325 kPa and 15 °C.
- All bio fuel products which are present in the liquid state at ISO conditions specified in ISO 91:2017(E) Annex B “Standard reference conditions”, like biodiesel and bioethanol
- All petrochemical base products (e.g. industrial aromatic hydrocarbons) that are present in the liquid state at ISO conditions specified in ISO 91:2017(E) Annex B “Standard reference conditions”.
- All additional chemical base products (methanol, ethanol etc.) that are present in the liquid state at ISO conditions specified in ISO 91:2017(E) Annex B “Standard reference conditions”.

For all products falling into one of these categories, QuantityWare already offers or plans to offer implementations of quantity conversion standards, depending on the availability of national/international measurement standards and customer requirements. For a detailed list of standards supported with BCP, please refer to the document “BCP Supported Standards Manual” for your QuantityWare BCS release level.

3. Compliance & Transparency – Gas (CTG)

CTG covers:

- All dry natural gases, natural-gas substitutes and similar fluids that are present in the gaseous phase (state) at normal(standard) ISO conditions as specified in ISO 13443 First edition –1996-12-15¹. The standard conditions are 101.325 kPa and 15 °C. By this definition, LNG (liquefied natural gas) is also included in the product definition range.
- Liquid hydrocarbons (NGL/LPG) having a vapor pressure greater than atmospheric pressure at 15 °C, in which the standard pressure shall be equilibrium pressure at 15 °C. The standard conditions are 101.325 kPa and 15 °C.

For all products falling into one of these categories, QuantityWare already offers or plans to offer implementations of quantity conversion standards, depending on the availability of national/international measurement standards and customer requirements. For a detailed list of standards supported with CTG, please refer to the document “CTG Supported Standards Manual” for your QuantityWare BCS release level.

¹ For “wet gas”, refer to [Note 000059](#) for further details of specific support

4. Bulk Calculations – BCG (Gas)

BCG covers:

- All dry natural gases, natural-gas substitutes and similar fluids that are present in the gaseous phase (state) at normal(standard) ISO conditions as specified in ISO 13443 First edition –1996-12-15². The standard conditions are 101.325 kPa and 15 °C. By this definition, LNG (liquefied natural gas) is also included in the product definition range.
- Liquid hydrocarbons (NGL/LPG) having a vapor pressure greater than atmospheric pressure at 15 °C, in which the standard pressure shall be equilibrium pressure at 15 °C. The standard conditions are 101.325 kPa and 15 °C

For all products falling into one of these categories, QuantityWare already offers or plans to offer implementations of quantity conversion standards, depending on the availability of national/international measurement standards and customer requirements. For a detailed list of standards supported with BCG, please refer to the document “BCG Supported Standards Manual” for your QuantityWare BCS release level.

² For “Wet Gas”, refer to [Note 000059](#) for further details of specific support

Legal Notices

© Copyright 2021 QuantityWare GmbH. All rights reserved.

SAP, R/3, mySAP, mySAP.com, xApps, xApp, SAP NetWeaver, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and in several other countries all over the world. All other product and service names mentioned are the trademarks of their respective companies.

Microsoft, Windows, SQL-Server, PowerPoint and Outlook are registered trademarks of Microsoft Corporation.

These materials and the information therein are subject to change without notice. These materials are provided by the company QuantityWare GmbH for informational purposes only. There is no implied representation or warranty of any kind, and QuantityWare GmbH shall not be liable for errors or omissions with respect to the materials provided. The only warranties for the products and services of QuantityWare GmbH are those set forth in the express warranty statements accompanying such products and services, if any. No statement within this document should be construed as constituting an additional warranty.