

BCS – Information

Supported Products Manual

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

Notes:

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Valid for BCS 3.0 “Technical” Releases:

| SAP Release | BCS Release | CSP Level |
|--------------|-------------|-----------|
| ECC600+ | 30A | 001 |
| S/4HANA 1610 | 30B | 000 |
| S/4HANA 1709 | 30B | 000 |
| | | |

Your release level can be determined via:

“/o/QTYW/COCKPIT” -> “Cockpit” -> “Support Package Level”

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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.

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.

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

Bulk Calculations - Gas (BCG)

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