Note: 000108

Overview

Number	**000108**
Description	**Advanced Development - ABNT NBR 5992 (2016) Support**
Version	**01 from 06.04.2022**
Status	**Released to Customer**
Language	**EN**
Responsible	**Guido Jager**
Product	**BCP**
Category	**Advanced Development**

Symptom

ABNT NBR 5992 has been revised and published in November 2016 as ABNT NBR 5992 (2016). QuantityWare has carefully analyzed this latest version. The basic formulas for calculation of the alcohol densities and mass proportions did not change when compared with the 2008 version; however, the definition of the volume correction factor (VCF) changed between the 2008 and 2016 version. The 2008 version requires the multiplication of the densities related VCF with the expansion coefficient of stainless steel (0.000036 / °C). The 2016 version does not contain this storage device correction any longer. Thus, a new MQCI implementation of ABNT NBR 5992 (2016) is required.
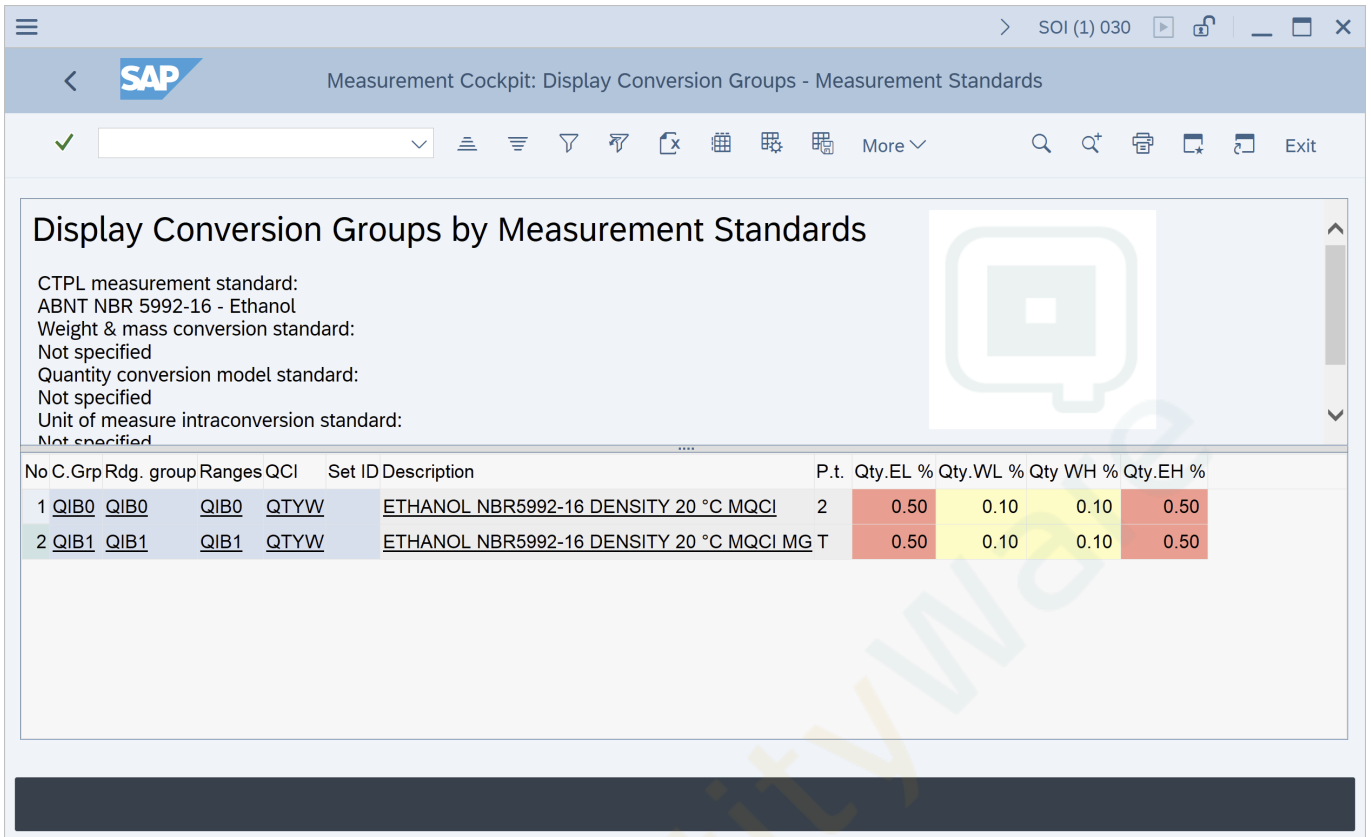
Cause

Measurement Standard Update.

Solution

With this note, the BCP 3.0 ABAP implementation part, based on ABNT NBR 5992 (2016) - including list printing and test report integration into the PMC - is delivered by QuantityWare as an Advanced Development (AD). This way, customers, who require this solution before the next BCS 3.0 CSP is shipped, may implement this note and contact their certified BCS consultant for configuration implementation.

With the next BCS CSP, two new template conversion groups and 30 test scenarios will be delivered:

Display Conversion Groups by Measurement Standards

CTPL measurement standard:
ABNT NBR 5992-16 - Ethanol
Weight & mass conversion standard:
Not specified
Quantity conversion model standard:
Not specified
Unit of measure intraconversion standard:
Not specified

No	C.Grp	Rdg. group	Ranges	QCI	Set ID Description	P.t.	Qty.EL %	Qty.WL %	Qty WH %	Qty.EH %
1	QIB0	QIB0	QIB0	QTYW	ETHANOL NBR5992-16 DENSITY 20 °C MQCI	2	0.50	0.10	0.10	0.50
2	QIB1	QIB1	QIB1	QTYW	ETHANOL NBR5992-16 DENSITY 20 °C MQCI MG	T	0.50	0.10	0.10	0.50

Transport Reference

SAP Release	Transport	File Name	Notes
ECC600	QOIK900368	NOTE-00108-30x.SAR	
S/4 HANA	QOIK900368	NOTE-00108-30x.SAR	

Validity

SAP Release	From SP	To SP	In SP Shipment
ECC600	BCS 3.0 CSP02	BCS 3.0 CSP03	BCS 3.0 CSP03
S/4 HANA	BCS 3.0 CSP01	BCS 3.0 CSP02	BCS 3.0 CSP02