

Note: 000080

Overview

Number **000080**

Description Support of ASTM D1550-18 Butadiene - ASTM D2962 Compliance

Confirmation

Version 1 from 06.03.2019

Status Released to Customer

Language EN

Responsible Markus Seng

Product BCP

Category Advanced Development

Symptom

- 1. ASTM D1550 has been issued as a new version in 2018. When compared to the previous versions, the weight calculation defined in Table 3 of these historical versions has been cancelled and reference is made to API MPMS 11.5.2. This change requires a new MQCI implementation function set of ASTMD1550-2018.
- 2. ASTM D2962-10 has been reapproved and issued under the new designation ASTM D2962-10(2019) in January 2019. This reapproval is documented after application of this note in the Petroleum Measurement Cockpit (PMC) online documentation, in the Print Tables Section.

Cause

Periodic ASTM Measurement Standards approval and revision process.

Solution

1. For ASTM D1550-2018, the new MQCI implementation set is delivered with this note. In detail, five

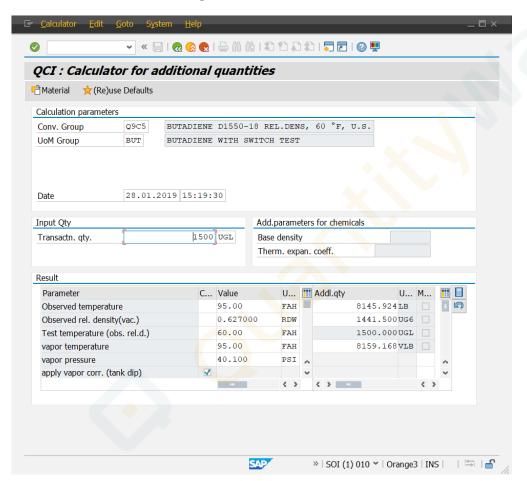


new MQCI sequence functions are delivered:

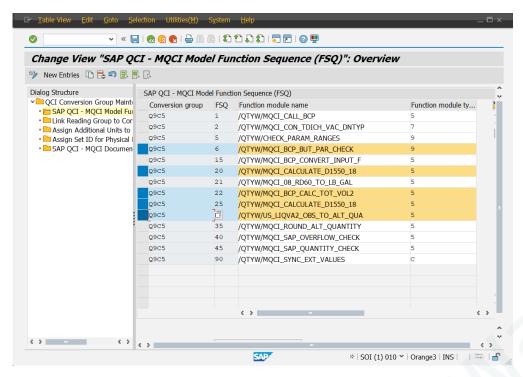
- o /QTYW/MQCI_BCP_BUT_PAR_CHECK
- o /QTYW/MQCI_CALCULATE_D1550_18
- /QTYW/MQCI_BCP_CALC_TOT_VOL2
- o /QTYW/US_LIQVA2_OBS_TO_ALT_QUA
- /QTYW/MQCI_SET_CTPL_TANK_VAPOR (only required if LPG vapor space calculation model has to be connected)

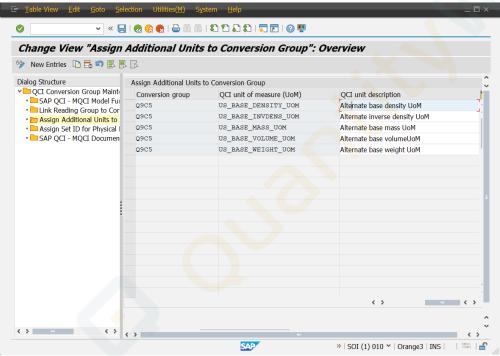
In order to harmonize the user experience, a new Butadiene MQCI model has been developed as well, such that the proven BCS 3.0 LPG models may be connected to ASTM D1550 MQCI conversion groups and/or the known LPG control parameters may be utilized. A new MQCI Butadiene ASTM D1550-2018 template conversion group Q9C5 will be delivered with BCS 3.0 CSP02. Customers requiring earlier support may contact their certified BCP consultant.

As a reference, the new configuration is documented down below:

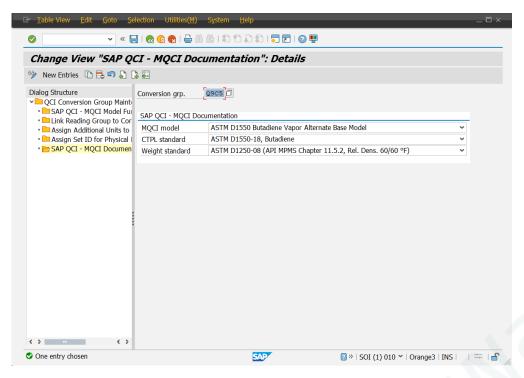


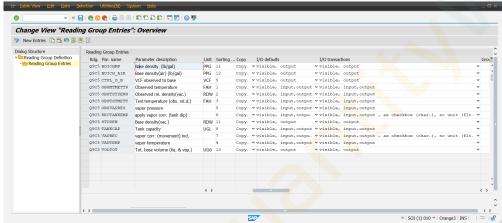




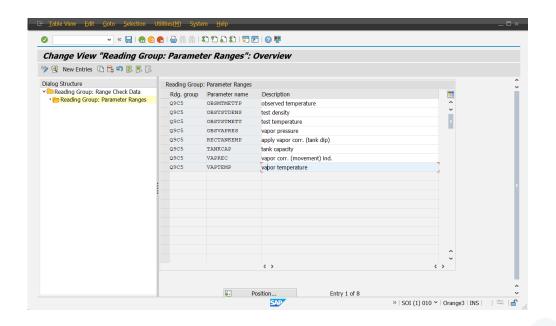












Transport Reference

SAP Release	Transport	File Name	Notes
ECC600	QOIK900313	NOTE-00080-30x.SAR	
S/4 HANA	QOIK900313	NOTE-00080-30x.SAR	1610; 1709; 1809

Validity

SAP Release	From SP	To SP	In SP Shipment
ECC600	BCS 3.0 CSP01	BCS 3.0 CSP01	BCS 3.0 CSP02
S/4 HANA	BC <mark>S</mark> 3.0 C <mark>SP</mark> 00	BCS 3.0 CSP00	BCS 3.0 CSP01