

## 15.04.2009 - News Item: MPMS Chapter 11.5

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The API MPMS (Manual of Petroleum Measurement Standards) Chapter 11.5 – Density / Weight / Volume Intraconversion has just been released.

API MPMS Chapter 11.5 is adjunct to ASTM D1250-08 and IP 200/08. It is intended to replace API MPMS Chapter 11.1 -1980 Volumes XI/XII (ASTM D1250-80, IP 200/80), which contains Tables 1,2,3,...58.

API MPMS Chapter 11.5 provides well defined implementation procedures and state-of-the-art guidance to the industry concerning the usage of weight and mass quantities. According to the API, “due to the nature of the changes in this revised standard, it is recognized that guidance concerning an implementation period may be needed in order to avoid disruptions within the industry...it is recommended that this revised standard be utilized on all new applications no later than two years after the publication date”.

QuantityWare has carefully analyzed API MPMS Chapter 11.5. With our next service pack, (BCP 10A SP12) in Q3 2009, a complete implementation of API MPMS Chapter 11.5 will be shipped with the following contents:

- ➔ Full list printing capability of all intra-conversion formulas via the Petroleum Measurement Cockpit
- ➔ Additional state-of-the-art conversion groups solely based on the latest API MPMS Chapter 11 / ASTM D1250-08 standard (Volume correction and weight/mass/volume calculations)
- ➔ Test tools ensuring correct implementation of all formulas and conversion group configurations

QuantityWare BCP 10A customers that wish to replace any of the former ASTM Tables 8, 26, 11 or 56 with an implementation based on API MPMS Chapter 11.5 may contact QuantityWare for an advanced shipment, which can be made available within 6 weeks after the initial customer request.

▲ *In Annex D, API MPMS Chapter 11.5 provides new conversion factors for the interrelation of units of measurement. These factors update the former ASTM Table 1 - MPMS Chapter 11.1 -1980 Volumes XI/XII (ASTM D1250-80, IP 200/80) conversion factors.*

QuantityWare BCP 10A customers can adjust their ASTM Table 1 factors any time based on their licensed copy of API MPMS Chapter 11.5 by simply adjusting the relevant factors via the Petroleum Measurement Cockpit.