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Abbreviations

MPFM: Multiphase Flow Metering

1 SELF ASSESSMENT SCOPE

MPMS Chapter 20.3 provides guidance on multiphase flow measurement taken upstream of the custody transfer point. It is addressing the question of how the user measures flow rates of oil, gas, water, and any other fluids that are present in the production stream. It is intended to cover all possible flow conditions that can be encountered in the production of oil and gas.

The following aspects are elaborated in the document:

- Multiphase and Wet Gas flow physical specificities,
- Technics of multiphase flow metering systems,
- Calibration, correction, performance testing and verification of MPFM systems,
- Multiphase measurement uncertainty management,
- Operation and application of MPFM systems,
- Selection of MPFM systems,
- Installation, commissioning and decommissioning,
- Operability of MPFM systems.

Self-assessment of Vx Spectra technology and application of MPFM system compliance to *MPMS Chapter 20.3* was conducted within Schlumberger Well Testing Center engineering department.

2 CONCLUSION

On the entirety of these aspects and their declination inside the document, zero non-conformance with the recommendations stated was identified.

Vx Spectra can be considered as compliant to the *MPMS Chapter 20.3*.

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CONDITIONS

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CONDITIONS

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