



EC UNIT EXAMINATION CERTIFICATE (Module G)
Number: N-08/51 revision 0, dated 12.11. 2009
Notified body number 0431

- Issued by:** Norwegian Metrology Service
Fetveien 99
N-2007 Kjeller
Norway
- Issued to:** FMC Kongsberg Metering AS
P.O. box 1012
N-3601 Kongsberg
Norway
- In respect of:** Vega Oil Allocation Metering skid – serial number
20JX054
- In accordance with:** Regulation no. 1723 dated 2007-12-20 on measuring
units and measurement, and corresponding regulation
no. 1738 dated 2007-12-21 on measuring systems for
liquids other than water, implementing the directive
22/2004/EC of the European Parliament and Council of
March 31, 2004, on measuring instruments (MID).
- Applicable essential requirements:** MID Annex 1 and Annex MI-005.
- Characteristics:**
- Rated operation conditions**
- **Measurand:** Crude Oil
Density: 670 - 745 kg/m³.
Temperature: operating 40 °C, max 100 °C
Viscosity: operating 0,74 m·Pa·s
 - **Minimum Flow Rate (Q_{min}):** 21 m³/h
 - **Maximum Flow Rate (Q_{max}):** 219 m³/h
 - **Accuracy class:** 0,3
 - **Climatic environment, Skid:** Lower temperature limit: -25 °C.
Upper temperature limit: 55 °C.
Control cabinet and computers:
Lower temperature limit -10 °C
Upper temperature limit: 55 °C
 - **Mechanical** M3
 - **Electromagnetic** E3



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Approved by :



Mr. Hans Arne Frøystein

Director, head of National Laboratory

For details on characteristics and identification of the measuring instrument refer annex 2 to type examination certificate which consist of 6 pages.