

EC UNIT EXAMINATION CERTIFICATE (Module G)
Number: N-07/373 revision 0, dated 09. feb. 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:** Measuring skid for fiscal metering of crude oil, serial no. 17-IH-9101.
- In accordance with:** FOR 2007-12-21 nr 1738: regulation on measuring systems for liquids other than water, implementing EU directive 22/2004, measuring instruments directive.
- Applicable essential requirements:** MID Annex MI-005.
- Characteristics:**
- Rated operation conditions**
- **Measurand:** Crude Oil, Water fraction max 4.0 %
Density: Min 650 kg/m³. Max 850 kg/m³.
Temperature: min 30 DegC, max 60 DegC.
Viscosity: min: 3,8 mPas, max: 5 mPas
 - **Minimum Flow Rate (Q_{min}):** 50 m³/h
 - **Maximum Flow Rate (Q_{max}):** 1000 m³/h
 - **Accuracy class:** 0,3
 - **Climatic environment, Skid:** Lower temperature limit: -25 DegC.
Upper temperature limit: 55 DegC.
Control cabinet and computers:
Lower temperature limit -10 DegC
Upper temperature limit: 55 DegC
 - **Mechanical (class M1... M3):** M3
 - **Electromagnetic (class E1...E3):** E3

Valid until:	09.02.2019
Number of pages:	2
Processed by:	Nils M Thomassen
Date of issue:	09.02.2009
Approved by :	

Mr. Knut Lindløv

Director, head of Legal Metrology
Norwegian Metrology Service

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