



QPS Evaluation Services Inc
Testing, Certification and Field Evaluation Body
Accredited in Canada, the USA, and Internationally

File
LR1507

CERTIFICATE OF COMPLIANCE
(ISO TYPE 3 CERTIFICATION SYSTEM)

Issued to	Michell Instruments Ltd
Address	Unit 48, Lancaster way Business Park, Ely, Cambs, CB6 3NW, UK
Project Number	LR1507-7
Product	Dewpoint/Moisture Analysers
Model Number	CONDUMAX II and PROMET EExd
Ratings/Markings	See Annex:
Applicable Standards	CSA C22.2 No. 30-20, CSA C22.2 No. 60079-0-19, CSA C22.2 No. 60079-1-16, CSA C22.2 No. 61010-1-12, ANSI/UL 60079-0 7th ed., ANSI/UL 60079-1-7th ed. UL 1203 5 th ed., UL/ANSI 61010-1, 3rd Ed.
Factory/Manufacturing Location	Same as above

Statement of Compliance: The product(s) identified in this Certificate and described in the Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standard(s). As such, they are eligible to bear the QPS Certification Mark shown below, in accordance with the provisions of QPS's Service Agreement.



Issued By: Dave Adams, P.Eng.

Signature: 

Date: October 1, 2020



QPS Evaluation Services Inc
Testing, Certification and Field Evaluation Body
Accredited in Canada, the USA, and Internationally

File
LR1507

Annex:

Hydrocarbon Dewpoint Analysers		
Model: CONDUMAX II		
Class I Division 1 Gr BCD, T* Ta=-25°C to +**°C Class I, Zone 1 AEx db IIB+H2 T* Gb Ex db IIB+H2 T* Gb Ta=-40°C to +**°C T5 = -**°C to +59°C T6 = -**°C to +44°C V= 90-260 Vac W=125W MPW = 60Barg Max. (all process lines) Process Flow Rate = 1.5LPM Max.	Class I Division 1 Gr BCD, T4 Ta=-25°C to +60°C Class I, Zone 1 AEx db IIB T4 Gb Ex db IIB T4 Gb Ta=-40°C to +60°C V= 90-260 Vac W=125W Water dewpoint circuit lines MPW = 138Barg Max. Hydrocarbon dewpoint circuit lines MPW = 100Barg Max. Process Flow Rate = 1.5LPM Max.	Class I Division 1 Gr BCD, T3 Ta=-25°C to +60°C Class I, Zone 1 AEx db IIB+H2 T3 Gb Ex db IIB+H2 T3 Gb Ta=-40°C to +60°C V= 90-260 Vac W=125W Water dewpoint circuit lines MPW = 138Barg Max. Hydrocarbon dewpoint circuit lines MPW = 100Barg Max. Process Flow Rate = 1.5LPM Max..
Process Moisture Analyser		
Model: PROMET EExd		
Class I Division 1 Gr BCD, T* Ta=-25°C to +**°C Class I, Zone 1 AEx db IIB+H2 T* Gb Ex db IIB+H2 T* Gb Ta=-40°C to +**°C T4 = -**°C to +60°C T5 = -**°C to +44°C V= 90-260 Vac W=180W MPW = 60Barg Max.(all channels) Process Flow Rate = 1.5LPM Max.	Class I Division 1 Gr BCD, T4 Ta=-25°C to +60°C Class I, Zone 1 AEx db IIB T4 Gb Ex db IIB T4 Gb Ta=-40°C to +60°C V= 90-260 Vac W=180W MPW = 138Barg Max. (all channels) Process Flow Rate = 1.5LPM Max.	Class I Division 1 Gr BCD, T3 Ta=-25°C to +60°C Class I, Zone 1 AEx db IIB+H2 T3 Gb Ex db IIB+H2 T3 Gb Ta=-40°C to +60°C V= 90-260 Vac W=180W MPW = 138Barg Max. (all channels) Process Flow Rate = 1.5LPM Max.
Note: The maximum working pressure (MWP), the ambient, Gas groups and the Temperature class is dependent on the Breathers/Flame arrestors fitted.		



QPS Evaluation Services Inc
Testing, Certification and Field Evaluation Body
Accredited in Canada, the USA, and Internationally

File
LR1507

Special Conditions of Use/Installation

- The CONDUMAX II and PROMET EExd Analyser are not intended for installation in environments where chemicals are present.
- The external cable and enclosure fittings shall be compatible with the following temperatures, as well as the lower ambient marked:
 - 80°C for T6 (CONDUMAX II Models)
 - 95°C for T5 (CONDUMAX II Models)
 - 96°C for T4/T3 (CONDUMAX II Models)
 - 93°C for T5 (PROMET EExd Models)
 - 109°C for T4/T3 (PROMET EExd Models)
- The Maximum process pressure and flow rate marked on the labels shall not be exceeded.
- All process lines shall be purged to ensure process gas or liquid is above its upper explosive limit before applying power. Additionally, power to the equipment shall be removed if a leak is evident.
- Explosion-proof/Flameproof joints shall not be repaired
- Painted/Coated enclosure options may present an electrostatic hazard. These shall only be installed in locations that do not have any static generating mechanisms, such as bulk powder filling, steam generation or pneumatic operations. Additionally, the equipment shall only be cleaned with a damp or anti-static cloth.