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## Type Examination Certificate

for Electrical Equipment used in Potentially Explosive Atmosphere

Issued by Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK	
Applicant	Michell Instruments Ltd. Unit 48, Lancaster Way Business Park, Ely, Cambridgeshire, CB6 3NW
Manufacturer name	Michell Instruments Ltd. Unit 48, Lancaster Way Business Park, Ely, Cambridgeshire, CB6 3NW
Product name	Process Moisture Analyser
Type/model code	QMA601-Ex1, QMA601-Ex3
Type of protection	Flameproof
Group, Temperature Class and EPL	IIB + H <sub>2</sub> T6 Gb
The equipment shall be marked with the following	Ex d IIB + H <sub>2</sub> T6 Gb
Ratings	See attachment 1
Special condition for safe use	See attachment 2
Certificate number	<b>CML 21JPN1388X</b>
Term of validity	From 25-04-2021 to 24-04-2024 

This is to certify that the equipment specified above complies with the requirements stipulated in Ordinance on Examination of Machines and Other Equipment of the Ministry of Health, Labour and Welfare, Japan.

Issue date: 25-04-2021

Signature of chief examiner:



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**CML 21JPN1388X**

**Issue: 0**

## **Attachment 1: Ratings**

24Vdc Display Version = QMA601-Ex1 Process Moisture Analyser  
Total Input Power 24 Vdc 125W 5.2A

240Vac Display Version = QMA601-Ex3 Process Moisture Analyser  
Total Input Power 85-264 Vac 47-63Hz 140W 0.5A

Ambient temperature range = -40°C to +60°C

Max. Working Pressure = 200kPa/2 Bar.

## **Attachment 2: Special Conditions for safe use**

1. Clean only with a damp or anti-static cloth.
2. External cables shall be suitable for use at temperatures of 86°C.
3. Maximum combined process flow into the enclosure must not exceed 5ltr/min.
4. The enclosure must be earthed internally using the earth point provided.
5. Do not open when energised or when an explosive atmosphere may be present.