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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. 48 Lancaster Way Business Park, Ely, Cambridgeshire, CB6 3NW, UK
Manufacturer name	Michell Instruments Ltd. 48 Lancaster Way Business Park, Ely, Cambridgeshire, CB6 3NW, UK
Product name	Gas Analyser
Type/model code	XTP601-Ex Oxygen Analyser XTC601 Series Binary Gas Analyser
Type of protection	Flameproof, Dust Ignition Protection by Enclosure
Group, Temperature Class and EPL	IIB + H2 T6 Gb IIIC T85°C Db
The equipment shall be marked with the following	Ex db IIB + H2 T6 Gb Ex tb IIIC T85°C Db
Ratings	See attachment 1
Special condition for safe use	See attachment 2
Certificate number	CML 22JPN1621X
Term of validity	From 17-01-2023 to 16-01-2026 

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: 17-01-2023

Signature of chief examiner:



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CML 22JPN1621X

Issue: 0

Attachment 1: Ratings

Power for model XTP601 = 40 W

Power for model XTC601 = 25 W

Ta = -40°C to +60°C for C1 version (silicone O-ring)

Ta = -15°C to +60°C for C2 version (viton O-ring)

Ta = -10°C to +60°C for C3 version (Ekraz O-ring)

Attachment 2: Special conditions for safe use

- i. The maximum pressure associated with the process medium in the internal pipes shall be limited to 1 bar.
- ii. The maximum temperature associated with the process medium shall be limited to +60°C.
- iii. Flameproof joints of the Flame Arrestor and Breather are not intended to be repaired.