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CML 18JPN1140X

Issue: 3

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	General Monitors Inc., 16782 Von Karman Ave. Unit 14, Irvine, CA. 92606 USA
Manufacturer name	General Monitors Inc., 16782 Von Karman Ave. Unit 14, Irvine, CA. 92606 USA
Product name	Open Path Combustible IR Gas Detector
Type/model code	IR5500
Type of protection	Flameproof, Dust Ignition Protection by Enclosure
Group, Temperature Class and EPL	IIB+H2 T4 Gb IIIC T135°C Db
The equipment shall be marked with the following	Ex db IIB+H2 T4 Gb Ex tb IIIC T135°C Db
Ratings	See attachment 1
Special condition for safe use	See attachment 2
Certificate number	CML 18JPN1140X
Term of validity	From 14-06-2018 to 13-06-2021
	From 14-06-2021 to 13-06-2024
	From 14-06-2024 to 13-06-2027

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: 14-06-2024

Signature of chief examiner:



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Attachment 1: Ratings

IR5500 Open Path IR Source:

24 VDC (20-36 VDC), 12W Max

IR5500 Open Path IR Receiver:

24 VDC (20-36 VDC), 10W Max

Ambient Temperature :

-55°C ≤ Ta ≤ +65°C

Attachment 2: Special Conditions for Safe Use

- i Consult the manufacturer for dimensional information on the flameproof joints for repair.
- ii Potential electrostatic charging hazard, use only damp cloth for cleaning.