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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:



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 :

$-55^{\circ}\text{C} \leq T_a \leq +65^{\circ}\text{C}$

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.