



The company **Industrial Scientific Oldham**, ZI Est 62000 Arras France, declares that the following new material intended for use in Explosive Atmosphere comply with the requirements of the following European Directives:

Gas Detector OLCT IR

I) European Directive ATEX 94/9/CE of 23/03/94: Explosive Atmospheres

N° of EC type examination certificate: **INERIS 03ATEX0141X**

Reference of European Standards:

a) Rules of construction: EN 60079-0, EN60079-1, EN60079-7, EN60079-11
EN 61241-0, EN61241-1
T ambient : -50°C +65°C

Version OLCT IR E:  II 2 GD / Ex d e ia IIC T4 Ex tD A21 IP66 T135°C

Version OLCT IR M25 ou ¾ NPT :  II 2 GD / Ex d e IIC T4 Ex tD A21 IP66 T135°C

b) When connected to control units MX32, MX42A, MX48, MX52, MX62 or others control units compliant to Directive ATEX 94/9/CE, Annex II, Ch1.5

- Performance requirements for combustible gases:
EN 61779-1, EN 61779-4 (reference gas Methane and Propane)
- Requirements and tests for apparatus using software:
EN 50271 (OLCT IR software version >=1.35)

c) Functional Safety for: EN50402 (OLCT IR software version >=1.4)
the detection of combustible gases

Development Process: EN61508 (SIL2 level, phases 1 à 9, 13 à 15)

Reliability data:

SIL capability	λ_{DU}	PFD _{AVG}	SFF	DC	MTBF
SIL 2	3.5 10-7/h	1.6 10-3	90%	72.3%	28 years

(Note: refer to the user manual for special conditions of use)

N° of the Production Quality Assurance Notification of the Arras factory: **INERIS 00ATEXQ403**

Issued by the Notified Body n°0080: **INERIS, rue Taffanel, 60550 Verneuil en Halatte, France.**

II) European Directive EMC 89/336/CEE of 3/05/89: ELECTROMAGNETIC COMPATIBILITY

Harmonised applied Standards: **EN 50270 (99)**

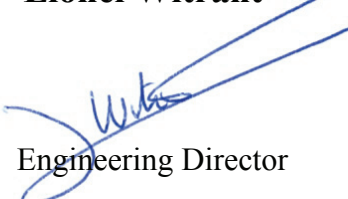
Arras, 17Feb. 09

The ATEX Authorized Representative

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