

INSPECTION AUTHORITY (IA) CERTIFICATE

WIKA Instruments (Pty) Ltd.
P.O. Box 75225
Gardenview
2047

Issued: 2026/02/20
Expire: 2029/02/20
Revision: 1
Job File: 2139

Applicant:

WIKA INSTRUMENTS (PTY) LTD.

For validity purposes, the following marking must be added to all equipment covered by this certificate:

IA Number: MTEEx-S/23.0123 X
Manufacturer: WIKA Alexander Wiegand SE & Co. KG
Supplier: WIKA Instruments (Pty) Ltd.
Equipment: Telemetry Unit
Model/Type: NETRIS®3 -*L2*
Ex Rating: Ex ia [ia Ga] IIC T4 Ga
Ex ia [ia Da] IIIB T200135 °C Da
Serial No: All units imported between the issue and expiry dates of this Certificate.

Standards used:

SANS 60079-0: 2019 Ed.6 IEC 60079-0: 2018 Ed.7	Explosive atmospheres – Part 0: General requirements.
SANS 60079-11: 2012 Ed.4 IEC 60079-11: 2011 Ed.6	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i".

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

This certification indicates compliance with R10.1 of the Mines Health and Safety Act and/or EMR 9(3) of the Occupational Health and Safety Act, provided that the apparatus is used as prescribed in accordance with the following **Notes**:

- 1) Compliance with any conditions set out in this Certificate.
- 2) This certificate only covers equipment imported between the "Issued" and "Expiry" dates of this certificate.
- 3) When the supporting Q.A.R. (Quality Assessment Report) or Q.A.N. (Quality Assurance Notification) of the equipment manufacturer expires, it is the responsibility of the applicant (as mentioned above) to submit a valid Q.A.R. or Q.A.N. to MTEx Laboratories, to maintain the validity of the IA certificates.
- 4) It is the responsibility of the supplier to ensure that the marking label complies with the requirements of the relevant regulator.
- 5) Once issued, the certificate remains valid for the serviceable lifecycle of the device. The state of the device is validated by visual or close inspections, by the end user, at intervals not exceeding two years.

Reviewed By + Signature (TL):	A. van Niekerk	
Approved By + Signature (CB): (MTEx Laboratories Technical Signatory)	D. Young	

1. OVERVIEW

The module is mainly connected to different measuring devices in industrial plants and is used to transmit wirelessly these various measured variables in industrial systems and plants. To do this, NETRIS®3 communicates with the connected measuring devices via a digital serial connection.

Classification of installation and use:	Stationary
Ingress protection:	IP20
Rated ambient temperature range (°C):	-40 °C ... +60 °C
Rated ambient temperature range (°C) for Ex Components:	N/A

2. REASON FOR REVIEW

Revision 0: National Code of Practice (NCOP) Requirements.

Revision 1: Document Review and Renewal of IA Certificate to include: IECEx SEV 22.0026X, Issue 2.

3. DOCUMENTATION PROVIDED

- IECEx Certificate of Conformity (IECEx SEV 22.0026X, Issue 2).
- IECEx Quality Assurance Report (DE/BVS/QAR07.0010/21).

4. ELECTRICAL / SAFETY PARAMETERS

Parameters

Output parameters:

$$U_o \leq 5.88 \text{ V}$$

$$I_o \leq 200 \text{ mA}$$

$$P_o \leq 295 \text{ mW}$$

Short term input parameters:

$$\text{Duration: } \leq 1 \text{ s}$$

$$U_i \leq 8 \text{ V}$$

$$I_i \leq 500 \text{ mA}$$

Maximum allowed capacitance and inductance for gas group IIB:

C_o [μF]	10	15	19	23	31	39	52	83	140	340	1000
L_o [mH]	5	2	1	0.5	0.2	0.1	0.05	0.02	0.01	0.005	0.002

Maximum allowed capacitance and inductance for gas group IIC:

C_o [μF]	1.3	1.9	2.6	3.7	4.6	5.8	8.1	11	16	30	43
L_o [mH]	1.6	1	0.5	0.2	0.1	0.05	0.02	0.01	0.005	0.002	0.001

5. INSTALLATION INSTRUCTIONS

The instructions provided with the product shall be followed in detail to assure safe operation.

6. CONDITIONS OF CERTIFICATE (X)

- Under certain extreme circumstances, the non-metallic enclosure may generate an ignition-capable level of electrostatic charge. Therefore the equipment shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge on such surfaces. In addition, the equipment shall only be cleaned with a damp cloth.

MTEEx Laboratories

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MTEEx Laboratories takes no responsibility for any non-conforming tests / assessments / results which is not in compliance with the relative Standards. By marking the equipment as mentioned in the documentation, the manufacturer takes full responsibility that the equipment has indeed complied with the original type assessment and has been subjected to any routine verification(s) / test(s) respectively.

End of Report