



The company Industrial Scientific Corporation, Pittsburgh, Pennsylvania USA, declares that the following product intended for use in Explosive Atmospheres: *(La société Industrial Scientific Corporation, Pittsburgh, Pennsylvania USA, atteste que le matériel neuf destiné à être utilisé en Atmosphères Explosives désigné ci-après:)*

TANGO TX2

Gas Detector

(Détecteur de gaz)

The Tango TX2 is a hand-held two gas monitor designed to continuously monitor two toxic gases. The unit samples the atmosphere in diffusion mode using two electrochemical sensors of four toxic gases: CO, H2S, NO2, or SO2. Power is provided by one 3.6V lithium-thionyl chloride primary cell. Readings are displayed on an LCD and the devices has audible, visual, and vibrating alarms when set, user-configurable conditions are exceeded. The devices have no facilities for connection of external electrical circuits, but stored data may be retrieved via an infrared interface.


(Le Tango TX2 est un moniteur portatif à deux gaz conçu pour surveiller en continu deux gaz toxiques. L'unité prélève l'atmosphère en mode diffusion à l'aide de deux capteurs électrochimiques de quatre gaz toxiques : CO, H2S, NO2 ou SO2. L'alimentation est fournie par une pile primaire au lithium-chlorure de thionyle de 3,6 V. Les lectures sont affichées sur un écran LCD et les appareils émettent des alarmes sonores, visuelles et vibrantes lorsqu'elles sont définies, les conditions configurables par l'utilisateur sont dépassées. Les appareils ne disposent d'aucune possibilité de connexion de circuits électriques externes, mais les données stockées peuvent être récupérées via une interface infrarouge.)

Complies with the requirements of the following European Directives:

(est conforme aux exigences des Directives Européennes suivantes:)

I) The European Directive ATEX 2014/34/EU of 26/02/14: Explosive Atmospheres

(Directive Européenne ATEX 2014/34/EU du 26/02/14: Atmosphères Explosives)

No. of EC type examination certificate <i>(N° Attestation CE de Type du matériel:)</i>	DEMKO 12 ATEX 1209126
Delivered by the Notified Body under number 0539 <i>(Délivrés par l' Organisme notifié sous le numéro 0539)</i>	<i>UL International DEMKO A/S, Borupvang 5A, 2750 Ballerup, DENMARK</i>
Reference European Standards (Normes européennes de référence)	<i>EN IEC 60079-0: 2018 EN 60079-11: 2012 EN 50303:2000</i>
Rules of construction (Règles de construction)	
Category (Catégorie)	 <i>II 1G / I M 1 Ex ia IIC T4 Ga / Ex ia I Ma Tamb -40°C to +50°C</i>

Production Quality Assurance Notification No. of the Pittsburgh factory: SIRA 00 ATEX M080

(N° de la Notification Assurance Qualité de Production de l'usine de Pittsburgh)

Issued by the Notified Body no. 2813:

(Délivrés par l'Organisme notifié sous le numéro 2813)

CSA Group Netherlands B.V.

Utrechtseweg 310, 6812 AR, Arnhem, NL

II) The European Directive EMC 2014/30/EU of 26/02/14: Electromagnetic Compatibility

(Directive Européenne CEM 2014/30/EU du 26/02/14: Compatibilité Electromagnétique)

Harmonized applied standard(s) <i>(Normes harmonisées appliquées)</i>	<i>EN 50270:2015</i>
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III) The European Directive RoHS 2011/65/EU of 08/06/2011 and amendment 2015/863: Restricted Hazardous Substances. *(Directive Européenne RoHS 2011/65/EU du 08/06/2011 et amendement 2015/863: Substances Dangereuses Restreintes.)*

Harmonized applied standard(s) <i>(Normes harmonisées appliquées)</i>	<i>EN 63000:2018</i>
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On behalf of the EMEA commercial Headquarters
(Pour le siege commercial EMEA)
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The ATEX Authorized Representative
(La Personne Autorisée ATEX)

Sachin Shah
Director, Connected Hardware
(Directeur, Matériel connecté)
10 APRIL 2023




The company **Industrial Scientific Corporation**, Pittsburgh, Pennsylvania USA, declares that the following product intended for use in Explosive Atmospheres:

TANGO TX2
Gas Detector

The Tango TX2 is a hand-held two gas monitor designed to continuously monitor two toxic gases. The unit samples the atmosphere in diffusion mode using two electrochemical sensors of four toxic gases: CO, H₂S, NO₂, or SO₂. Power is provided by one 3.6V lithium-thionyl chloride primary cell. Readings are displayed on an LCD and the device has audible, visual, and vibrating alarms when set, user-configurable conditions are exceeded. The devices have no facilities for connection of external electrical circuits, but stored data may be retrieved via an infrared interface.

Complies with the requirements of the following relevant union harmonization legislation and standards:

I) UK SI 2016 No. 1107 - Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres.

No. of UK-type examination certificate: UL International (UK) Ltd, Approved Body number 0843	UL22UKEX2641 220 Cygnet Court, Centre Park, Warrington, WA1 1PP, UK
Designated Standard(s) Applied:	EN IEC 60079-0: 2018 EN 60079-11: 2012 EN 50303:2000
Category	 II 1G / I M 1 Ex ia IIC T4 Ga / Ex ia I Ma Tamb -40°C to +50°C

Production Quality Assurance Notification No. of the Pittsburgh factory: CSAE 23 UKQAN 0114

Issued by the Notified Body no. 0518:

CSA Group Testing UK Ltd.
Unit 6 Hawarden Industrial Park,
Hawarden, CH5 3US, United Kingdom.

II) UK SI 2016 No. 1091 - Electromagnetic Compatibility Regulations

Designated Standard(s) Applied:	EN 50270:2015
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III) UK SI 2012 No. 3032 - Restriction of Hazardous Substances in Electrical and Electronic Equipment Regulations.

Designated Standard(s) Applied:	EN 63000:2018
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The UKCA Authorized Representative

Sachin Shah
Director, Connected Hardware
10 APRIL 2023