



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:)*

Gas detector (Détecteur de gaz) RADIUS BZ1 w/ SafeCore Module


The Radius BZ1 is a moveable gas detector intended to detect combustible and toxic gases and oxygen. The device provides visual and audible and vibration alarms when user-set levels are reached. The Radius BZ1 includes a removeable module that comes in an aspirated or diffusion version. *(Le Radius BZ1 est un détecteur de gaz mobile destiné à détecter les gaz combustibles et toxiques et l'oxygène. L'appareil fournit des alarmes visuelles et sonores et des vibrations lorsque les niveaux définis par l'utilisateur sont atteints. Le Radius BZ1 comprend un module amovible qui existe en version aspirée ou à diffusion.)*

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 15 ATEX 1580
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 <i>(Normes européennes de référence)</i>	<i>EN IEC 60079-0: 2018 EN 60079-1:2014 EN 60079-11: 2012</i>
Rules of construction <i>(Règles de construction)</i>	
Category (Catégorie)	 <i>II 1G II 2G Ex da ia IIC T4 Ga Ex db ia IIC T4 Gb with IR Sensor Tamb -20°C to +55°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/AC:2016-08 EN 301 489 v1.9.2</i>
---	---

III) The European Directive RED 2014/53/EU of 16/04/2014: Radio Equipment

(Directive Européenne RED 2014/53/EU du 16/04/2014: Equipements radio)

Harmonized applied standard(s) <i>(Normes harmonisées appliquées)</i>	<i>EN 300 328 V2.2.2</i>	<i>EN 62479:2010</i>
	<i>EN 303 413 v1.1.1</i>	<i>EN 62311:2008</i>

IV) 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>
---	----------------------

Industrial Scientific Corporation
1 Life Way, Pittsburgh PA, 15205 USA
Tel +01 412 788 4353
www.indsci.com

On behalf of the EMEA commercial Headquarters
(Pour le siege commercial EMEA)
Industrial Scientific France SAS
11D Rue Willy Brandt, CS 80097
62002 Arras Cedex, France
Tel +33 (0)1 57 32 92 61

The ATEX Authorized Representative
(La Personne Autorisée ATEX)

Sachin Shah

Director, Connected Hardware
(Directeur, Matériel connecté)
30 MAR 2023




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

Gas detector RADIUS BZ1 w/ SafeCore Module

The Radius BZ1 is a moveable gas detector intended to detect combustible and toxic gases and oxygen. The device provides visual and audible and vibration alarms when user-set levels are reached. The Radius BZ1 includes a removeable module that comes in an aspirated or diffusion version.

**Complies with the requirements of the following relevant
Designated Standards applied:**

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

No. of UK type examination certificate: Delivered by the Notified Body under number 0843	UKCA -UL22UKEX2305 220 Cygnet Court, Centre Park, Warrington, WA1 1PP, UK
Designated standard(s) applied:	EN IEC 60079-0: 2018 EN 60079-1:2014 EN 60079-11: 2012
Category	 II 1G / II 2G Ex da ia IIC T4 Ga Ex db ia IIC T4 Gb with IR Sensor Tamb -20°C to +55°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/AC:2016-08 EN 301 489 v1.9.2
--	---

III) UK SI 2017 No. 1206 - Radio Equipment Regulations

Designated standard(s) applied:	EN 300 328 V2.2.2 EN 303 413 v1.1.1	EN 62479:2010 EN 62311:2008
--	--	--------------------------------

IV) UK SI 2012 No. 3032 - Restriction of Hazardous Substances in Electrical and Electronic Equipment Regulations.

Designated standard(s) applied:	EN 63000:2018
--	---------------

Industrial Scientific Corporation
1 Life Way, Pittsburgh PA, 15205 USA
Tel +01 412 788 4353
www.indsci.com

On behalf of the authorized representative in UKCA
Bollin House, Bollin Walk,
Wilmslow Cheshire East
SK9 1DP, United Kingdom
+44 (0)203 788 2677

The UKCA Authorized Representative

Sachin Shah
Director, Connected Hardware
30 MAR 2023