



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

VENTIS PRO 4 & VENTIS PRO 5 Gas Detector with optional Pump Module or Wifi (WI-FI VENTIS PRO GAS DETECTOR) or with Cellular (CAT-M1 VENTIS PRO GAS DETECTOR, 6) Communications

The Ventis Pro 4 and 5 are portable, rechargeable battery powered hand-held gas detectors intended to detect combustible and toxic gases and oxygen deficiency. The device provides visual and audible and vibration alarms when user-set levels are reached. The difference between the Ventis Pro 4 and 5 is the number and type of sensors that can be used within the device. There are two models of the Ventis Pro 4 and 5, aspirated version and diffusion version. The Aspirated version is installed with a pump module while the Diffusion version is not.

Both Ventis Pro 4 and Ventis Pro 5 employ wireless communications in the form of Bluetooth Low Energy, Near Field Communications and LENS (IEEE 802.15.4 MESH) radios to allow configuration, location determination and peer to peer communications for notification of alarms.

The Ventis Pro 5 diffusion only version can be configured with either a Wifi (model version WI-FI VENTIS PRO GAS DETECTOR) or cellular (model version CAT-M1 VENTIS PRO GAS DETECTOR, 6) communication technologies by using communication enabled rechargeable battery packs (17159022 for Wifi and 17159021 for CAT M1). Both battery packs also include GNSS location capabilities for reporting device positioning.

Complies with the requirements of the following European Directives:

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

No. of EC type examination certificate Delivered by the Notified Body under number 0539	DEMKO 15 ATEX 1571 <i>UL International DEMKO A/S, Borupvang 5A 2750 Ballerup, DENMARK</i>	
Reference European Standards Rules of construction	<i>EN IEC 60079-0: 2018, EN 60079-1:2014 EN 60079-11: 2012, EN 50303:2000</i>	
Category	<i>II 1G / I M1 II 2G / I M1</i>	<i>Ex da ia IIC T4 Ga, Tamb -40°C to +50°C Ex db ia IIC T4 Gb with IR Sensor, Tamb -20°C to +50°C</i>

Note: The equipment is not impacted by modifications of the applicable harmonized standards series EN 60079-1

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

Issued by the Notified Body no. 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

Harmonized applied standard(s) Applicable to the base Ventis Pro 4 and 5 and Ventis Pro 5 with Wifi or CAT M1 Cell Battery Packs	<i>EN 50270:2015/AC:2016-08 EN 301-489-1 v2.2.3</i>	<i>EN 301 489-52 V1.2.1</i>
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III) The European Directive RED 2014/53/EU of 16/04/2014: Radio Equipment

Harmonized applied standard(s) Applicable to the base Ventis Pro 4 and 5 and Ventis Pro 5 with Wifi or CAT M1 Cell Battery Packs	<i>EN 300 328 V2.2.2 EN 303 413 v1.1.1</i>	<i>EN 301 908-13 V13.1.1</i>	<i>EN 62479:2010 EN 62311:2008</i>	<i>EN 50566:2017 EN 62209-2:2010</i>
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IV) The European Directive RoHS 2011/65/EU of 08/06/2011 and amendment 2015/863: Restricted Hazardous Substances.

Harmonized applied standard(s) Applicable to the base Ventis Pro 4 and 5 and Ventis Pro 5 with Wifi or CAT M1 Cell Battery Packs	<i>EN 63000:2018</i>
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The ATEX Authorized Representative

Sachin Shah
Director, Connected Hardware
30 March 2023



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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	UL22UKEX2684 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 Ex da ia IIC T4 Ga II 2G 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: Applicable to the base Ventis Pro 4 and 5 and Ventis Pro 5 with Wifi or CAT M1 Cell Battery Packs	EN 50270:2015/AC:2016-08 EN 301-489 v1.9.2	EN 301 489-52 V1.2.1
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III) UK SI 2017 No. 1206 - Radio Equipment Regulations

Designated Standard(s) Applied: Applicable to the base Ventis Pro 4 and 5 and Ventis Pro 5 with Wifi or CAT M1 Cell Battery Packs	EN 300 328 V2.2.2 EN 303 413 v1.1.1	EN 301 908-13 V13.1.1	EN 62479:2010 EN 62311:2008	EN 50566:2017 EN 62209-2:2010
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IV) UK SI 2012 No. 3032 - Restriction of Hazardous Substances in Electrical and Electronic Equipment Regulations.

Designated Standard(s) Applied: Applicable to the base Ventis Pro 4 and 5 and Ventis Pro 5 with Wifi or CAT M1 Cell Battery Packs	EN 63000:2018
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The UKCA Authorized Representative

Sachin Shah
Director, Connected Hardware
30 MAR 2023