

EU Declaration of Conformity

Issue: L02

Object of declaration:

Product: **Portable gas detector for Toxic, Flammable gasses or oxygen**
Model/type: **ECOTOX PLUS**

Manufacturer:

Consilium Safety Netherlands BV
Zuidpool 9
2801RW GOUDA - The Netherlands

This declaration of conformity is issued under the sole responsibility of the manufacture.

Description

The ECOTOX PLUS is a portable non-disposable gas detector which is suitable for the measurement of various toxic, flammable gasses or oxygen. The ECOTOX PLUS is available in combination with various types of electrochemical sensors. The gas detector will only be used in combination with electrochemical sensors, the gas detector will not be used in combination with catalytic bead sensors. The gas detector is equipped with a LCD and Bluetooth module for wireless communication.

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

2014/34/EU - Equipment for potentially explosive atmospheres, ATEX Directive.

References to the relevant harmonized standards used or references to other technical specifications in relation to which conformity is declared:

EN 60079-0:2012+A11 Explosive atmospheres - Part 0: Equipment - General requirements.
EN 60079-11:2012 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

2014/53/EU – Radio Equipment Directive (RED).

References to the relevant harmonized standards used or references to other technical specifications in relation to which conformity is declared:

EN 300 328 (v2.1.1) Wideband transmission systems
EN 301 489-1 (v2.2.0) Common technical requirements
EN 301 489-17 (v3.2.0) Specific conditions for Broadband Data Transmission Systems
EN 62368-1:2014 Audio/video, information, and communication technology equipment Part 1: Safety requirements
EN 62368:2010 Assessment of the compliance of low-power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

2014/30/EU - Electromagnetic Compatibility (EMC) Directive.

References to the relevant harmonized standards used or references to other technical specifications in relation to which conformity is declared:


EN 50270:2015 Electromagnetic compatibility. Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen.

Consilium Safety has considerations given to **2011/65/EU RoHS Directive** and **2012/19/EU WEEE Directive**.

Dekra Certification BV (NL) notified body number 0344, performed the ATEX examination and issued the certificate: DEKRA 03ATEX1361.

Telefication BV Zevenaar (NL) notified body number 0560, performed the RED Module B+C examination described above and issued the certificate: 172141225/AA/00

Signed for and on behalf of:



Consilium Safety Group
Gothenburgh, 18 September 2024
Fredrik Jonasson – Global Product Line Manager

