

TYPE EXAMINATION CERTIFICATE

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] Type Examination Certificate Number: **Presafe 20 ATEX 61677X** **Issue 0**
- [4] Product: **Sea Water Resistant Aluminium Air Pipe Head**
- [5] Manufacturer: **Winteb B.V**
- [6] Address: **Parallelweg 1,
9672 AW Winschoten
Groningen, Netherlands.**
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV GL Presafe AS certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.
- The examination and test results are recorded in confidential reports listed in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012/A11:2013, ISO 80079-36 & ISO 80079-37
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment and not to specific items of equipment subsequently manufactured.
- [12] The marking of the product shall include the following:

 **II 2 G Ex h IIB T6 Gb Tamb: -60°C to +70°C**

Date of issue:
2020-12-01

Asle Kaastad
For DNV GL Presafe AS
The Certificate has been digitally signed.
See www.dnvgl.com/digitalsignatures for info



This certificate may only be reproduced in its entirety and without any change, schedule included.

DNV GL Presafe AS, Veritasveien 3, 1363 Høvik, Norway, Tel +47 67 57 88 00, www.dnvgl.com

[13] **Schedule**

[14] **Type Examination Certificate No:** Presafe 20 ATEX 61677X Issue 0

[15] **Description of Product**

The sea water resistance air pipe heads composed of aluminum coated air pipe head, PE float ball and the flange gasket. The mechanical movement of the air pipe heads is caused by the PE float ball, which rests 360° chamber. The float ball (floating device) will close off the connection to the tank/space underneath the air pipe head when submerged in order to prevent the free entry of water into the tanks; but not submerged during the normal condition. Also, it allows the passage of air (in and out of the tank) or liquid (out of the tank) to prevent excessive pressure or vacuum on the tank. A float ball (floating device) rests in its seating and therefore ensures an open connection to the tank/space underneath the air pipe head when submerged. The air pipe heads are mounted with an NBR (nitrile butadiene rubber) full face flange gasket. This prevent contact with materials that can corrode. Cathodic protection against corrosion is not applicable. The air head can operate within gas explosion hazard area, classified as hazard zone 1 or zone 2.

Type designation

WIN2000
WIKO5000 "Gooseneck" type 1 & type 1-B
WIKO5000

Ambient temperature:

-60°C to +70°C

Routine tests

None

[16] **Report No.:** 185883

[17] **Specific Conditions of Use**

- 1) Cleaning of the float ball with polyamide or cotton cloths is not permitted.
- 2) Do not perform repair or maintenance that generates sparks, hot surface or use of open flames.
- 3) Enclosure made of Aluminium – Avoid impact or Friction in the equipment.

[18] **Essential Health and Safety Requirements**

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

[19] **Drawings and documents**

Number	Title	Rev.	Date
WIN2000-01 ATEX	WIN2000 General Drawing ATEX (2 sheets)	A	2020-08-19
WIKO5000 type 1-A ATEX	WIKO5000 type 1-A General Drawing ATEX (2 sheets)	0	2020-06-23
W5GN ATEX	WIKO5000 Gooseneck General drawing ATEX	0	2020-06-23
H.EX.NAMETAG	Name plate EX marking	A	2020-08-19

[20] **Certificate History**

Issue	Description	Issue date	Report no.
0	Original issue	2020-12-01	185883

END OF CERTIFICATE

