Certificate no.:
TAF0000215

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Compressed-Air Breathing System

with type designation(s)
Dräger PSS AirBoss Series

issued to
Draeger Safety UK Limited
Blyth, Northumberland, **United Kingdom**

is found to comply with
DNV statutory interpretations DNV-SI-0364 – SOLAS interpretations, Edition July 2021
DNV rules for classification – Ships
DNV offshore standards

Application:

Approved for use as self-contained compressed-air-operated breathing apparatus of fire-fighter´s outfit.

Approved for entry and work in gasfilled space and for use in accidents involving dangerous goods.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **2025-10-26**
This Certificate is valid until **2030-10-25**.
DNV local unit: **UK & Ireland CMC & VMC**

for **DNV**

Approval Engineer: **Timo Linn**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

"Dräger PSS AirBoss Series"
is a self-contained breathing apparatus (SCBA) that uses an open circuit breathing system.

Main components of the apparatus:
- compressed air breathing cylinders,
- a carrying system including shoulder straps and a waist belt,
- a lung demand valve,
- a face mask.

The user will be alerted by a mechanical and, if fitted, an electronic signal and warning unit, before the volume of the air in the cylinder has been reduced to less than 200 L.

For details of the configuration see Type Examination documentation below.

Application/Limitation

Approved for use as self-contained compressed air breathing apparatus of fire-fighter´s outfit.

The SCBA is in compliance with IMO FSS Code Ch.3 Para 2.1.2.1 and 2.1.2.2 as amended by IMO Res. MSC.339(91).

Each SCBA shall be used together with a Dräger approved lifeline (complying with the requirements of FSS Code Ch.3.2.1.3 and ISO 23269-2 Para 4.28.) as part of the fire-fighters outfit according to IMO FSS Code Ch.3.2.1.

The breathing apparatus shall be used with the following class 3, full face masks acc. to EN 136:
- Dräger Panorama Nova (N, P, PE, ESA) series,
- Dräger FPS 7000 (N, P, PE, ESA) series,
- Dräger FPS 7000P or 7000 ESA.

All air cylinders provided for the breathing apparatus shall be interchangeable.

Air cylinders and their valves shall comply with appropriate national regulations.

The volume of air contained in the cylinder shall be at least 1200 L.

The compressed air shall comply with EN 12021.

Each product is to be supplied with its manual for installation, maintenance and use.

Type Approval documentation

Test report No. 10039/20 PSA dated 9 December 2020 from DEKRA Testing and Certification GmbH, Essen, Germany.
Test report No. 10367/21 PSA dated 6 May 2021 from DEKRA Testing and Certification GmbH, Essen, Germany.
Test report No. 5854 A/06 dated 21 June 2006 from DEKRA EXAM GmbH, Essen, Germany.
Test report No. 6265 A/07 dated 5 February 2008 from DEKRA EXAM GmbH, Essen, Germany.
Test report No. 7920-14 dated 14 January 2014 from DEKRA EXAM GmbH, Essen, Germany.
Test report No. 100040/23 dated 9 March 2023 from DEKRA Testing and Certification GmbH, Essen, Germany.

Tests carried out

Tests according to ISO 23269-2:2011, ISO 23269-3:2011, and EN137:2006.

Marking of product

The product or packing is to be indelibly marked in accordance with ISO 23269-2:2011 Para 9 and with name and address of the manufacturer and type designation. The pressure vessel marking shall include the charging pressure, capacity and stamp of the authorized inspection body.

Periodical assessment

DNV's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNV-CP-0338, Section 4.

Manufactured by:

Draeger safety UK Ullswater Close**,** Blyth Riverside Business Park**,** Blyth, Northumberland, NE24 4RG, UK.