

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Protective Clothing**

with type designation(s)
CPS 7900

Issued to

Dräger Safety AG & Co. KGaA
Lübeck, Germany

is found to comply with

DNV offshore standards

DNV rules for classification – Ships

DNV statutory interpretations DNV-SI-0364 – SOLAS interpretations, Edition July 2021

Application :

Approved as chemical protective clothing for handling of dangerous cargo and for emergency teams.

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

Issued at **Hamburg** on **2021-12-02**

This Certificate is valid until **2026-12-01**.

for **DNV GL**

DNV GL local station: **Hamburg**

Approval Engineer: **Roland Priebe**

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Jörg Kallies
Head of Section

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.



Job Id: **262.1-032504-1**
Certificate No: **TAF00001B3**

Product description

The "CPS 7900" is a chemical protective clothing classed as type 1a gas-tight chemical protective suit with a breathable air supply worn inside the chemical protective suit.

To be used with positive pressure breathing apparatus complying with EN137 and the use of a full face mask, alternatively permanently attached Dräger Panorama Nova full face mask is recommended.

A suitable safety helmet is required.

The Umex suit material provides good flexibility and mechanical strength and is designed for working in cold environments or with cryogenic media.

The suit has a gas-tight polyurethane closure system. The gloves and boots are connected gas-tight and can easily be replaced.

Via the integrated PT 120 L control valve the suit can be ventilated from the outside.

For further details please see the documents listed under Type Approval documentation.

Application/Limitation

As required by SOLAS 1974 as amended, Ch. II-2 Reg.19.3.6.1 and IMO IBC Code, Ch.14.1.

Approved as chemical protective clothing of type 1a for handling of dangerous cargo and for emergency teams.

The applicant's instructions for use, storage, transport, maintenance and the applicant's recommendations and restrictions for use are to be complied with.

The CPS 7900 suit is to be worn in conjunction with a self contained breathing apparatus approved according to ISO 23269-3:2011 and an approved positive pressure full face mask according to EN 136.

Manufactured by Dräger Manufacturing Czech s.r.o, Klášterec nad Ohří, Czech Republic.

Type Approval documentation

This certificate replaces the previous TA certificate 94736-10 HH.

EU type-examination certificate No. 10274 A/21/9 PSA dated 2021-11-12 from DEKRA Testing and Certification GmbH, Bochum, Germany, with reference to test report No. 9963.2E/20/01 PSA dated 2021-11-11 also from DEKRA Testing and Certification GmbH, Bochum, Germany.

Data sheet for Dräger CPS 7900 Gas-Tight Suit

Tests carried out

EN 943-1:2015+A1:2019 and EN 943-2:2019

Marking of product

The markings are to be in accordance with EN 943-1:2015 Para 7 and EN 943-2:2019 Para 9. The product or its packing shall as a minimum be marked with the company's name and address and the same type designations as given in the TA certificate for traceability. The marking shall be permanent and unique.

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.