

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Protective Clothing

with type designation(s)
CPS 7800

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 **2022-05-06**

This Certificate is valid until **2027-05-05**.

for **DNV**

DNV local station: **Hamburg – CMC North/East**

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.

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 300,000 USD.



Product description

The "CPS 7800" is a chemical protective clothing classed as type 1b gas-tight chemical protective suit with a breathable air supply worn outside the chemical protective suit.

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

A suitable safety helmet is required.

The D-mex suit material provides good flexibility and mechanical strength and its 5 layers keep the chemical barrier even when damaged on the outside.

The suit has a diagonal front zipper which improves the entry into the suit and hood. The gloves with inner foil and outer mechanical protection can easily be changed without tools. The suit can be purchased with integrated safety boots or with gastight socks and separate safety boots.

The suit is available in 4 different colours (orange, beige, blue, olive-green) and 5 sizes (S, M, L, XL and XXL) which is suitable for persons from 1.5 m – 2.05 m in height.

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 1b 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 7800 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

EU type-examination certificate No. 10448 A/22/6 PSA dated 2022-02-17 from DEKRA Testing and Certification GmbH, Bochum, Germany.

Data sheet for Dräger CPS 7800 Gas-Tight Protective 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.