

TYPE APPROVAL CERTIFICATE

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

with type designation(s)
TRELLCHEM®VPS Type T and Type T-ET chemical protective clothing

Issued to

Ansell Protective Solutions AB
Trelleborg, Sweden

is found to comply with
DNV GL offshore standards
DNV GL rules for classification – Ships
Det Norske Veritas' Interpretation of SOLAS 1974 Convention as Amended

Application :

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

This Certificate is valid until **2021-10-16**.

Issued at **Hamburg** on **2016-10-17**

DNV GL local station: **Gothenburg**

Approval Engineer: **John Alan Walton**

for **DNV GL**

Antje Fleischhauer
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: **262.1-024352-1**
Certificate No: **TAF00000GJ**

Product description

The Trelchem VPS Type T and Type T-ET chemical protective clothing is classed as a Type 1b gas-tight chemical protective suit with a breathable air supply worn outside the chemical protective suit. Type T-ET is fitted with a HCR Zipper and may be used by emergency teams.

To be used with positive pressure breathing apparatus (complying with EN136 & EN137) and Trelchem TC Hood or Trelchem Mini Hood, alternatively permanently attached Dräger Panorama Nova EPDM or Interspiro Spiromatic full face mask.

Integral socks/booties in the suit material or attached Etché Fireman SA boots. Socks version must be used with additional protective boots of approved type.

HCR Zipper (Type T-ET).

Trelchem Bayonet ring system with attached gloves: Trelchem Viton/Butyl rubber or Ansell Barrier in combination with suitable outer gloves.

A suit ventilation system controlled with the Trelchem ventilation regulation valve Type T is fitted as standard. An extra overpressure valve may be added on the right side of the chest as an option.

The garment material is a nylon fabric, coated on the outside with chloroprene rubber and on the inside with a layer of chloroprene rubber and a polymer barrier laminate. Standard colour is yellow, optional black (anthracite).

The available sizes are S, M, L, XL and XXL.

Application/Limitation

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

The applicant's instructions for use, storage, transport, maintenance and the applicant's recommendations and restrictions for use are to be complied with. See the Classification Annex to EC Type Examination Certificate No. DK-0200-PPE-1884 version 2, Page 1 of 2.

Manufactured by Ansell Protective Solutions Lithuania, UAB, Pramonės 5K; LT-72328 Tauragė, Lithuania.

Type Approval documentation

EC Type Examination Certificate No. DK-0200-PPE-1884 version 2 issued 2013-05-21 by FORCE Certification A/S.

CERT.FORCE Technology test report No.109-29288 issued 2009-09-04 by FORCE Certification A/S.

User manual EVO/VPS-Flash/VPS/Super/Light.

Tests carried out

EN 943-1:2002 and EN 943-2:2002.

Marking of product

The markings are to be in accordance with EN 943-1 2002 Para 8.

The product or its packing shall as a minimum be marked with the company's name, trade mark and the same type designations as given in the TA certificate for traceability. The marking shall be permanent and unique.



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Periodical assessment

DNV GL'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 DNVGL-CP-0338, Section 4.