

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

This is to certify:

That the Fire-fighter`s outfit: protective clothing (close proximity clothing)

with type designation(s)

PBI MAX (Jacket Parallon 49671-12203, Trousers Parallon 29671-12203)

Issued to

Wenaas Workwear AS
Måndalen, Norway

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2018/773,**

item No. MED/3.3. SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7 and FSS Code 3

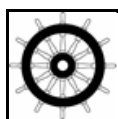
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-09-19.**

Issued at **Høvik** on **2018-09-20**

DNV GL local station:
Ålesund

Approval Engineer:
Marius Mørner



Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
Head of Notified Body



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Product description

"PBI MAX (Jacket Parallon 49671-12203, Trousers Parallon 29671-12203)"
a two piece suit with separate jacket and trousers, composed as follows:

1. Outer layer: PBI MAX 6.0 (62% para-aramid / 36% polybenzimidazole / 2% antistat, 205 g/m²)
2. Middel layer: Thermal barrier 1.0 2L (100% aramid, 2-layer bonded 3D nonwoven, membrane ePTFE, 210 g/m²)
3. Inner layer: Moisture barrier 2L (50% aramid, 50% viscose FR with Biocomponent Membrane ePTFE, 170g/m²)

For further details, please see the type examination documentation listed below.

Application/Limitation

Approved for use as protective clothing for firefighters.

Performance levels achieved: Xf2, Xr2, Y2 and Z2

Wheel marked Helmet/Hood with visor, gloves and boots are to be provided to complement the outfit.

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

Type Examination documentation

Test reports no:

- 370778T01, dated 2017-02-22, issued by Finish Institute of Occupational Health (FIOH), Finland
- 206241T01, dated 2012-10-12, issued by FIOH, Finland
- AZL 16/ 0270-01, dated 2016-03-11, issued by TZU, Czech Republic
- AZL 16/ 0270-03, dated 2016-03-11, issued by TZU, Czech Republic

Drawings with material composition:

- Entity Style no. 29671-12203, Tech Pack Date 31/082018, issued by Wenaas, Norway
- Entity Style no. 49671-12203, Tech Pack Date 31/082018, issued by Wenaas, Norway

EU Type-Examination certificate no 18A0123PBS01 issue 1, dated 02018-04-09, issued by FIOH, Finland.

Tests carried out

Tested according to EN 469:2005 including A1:2006 and AC:2006.

Marking of product

The product is to be marked according to EN 469:2005 Section 7, and with name and address of manufacturer, type designation, fire technical rating and the MED Mark of Conformity.