



Öffentliche Prüfstelle für das Textilwesen der Hochschule Niederrhein GmbH

Notified body for products according to Regulation (EU) 2016/425 regarding ppe by Zentralstelle der Länder für Sicherheitstechnik (ZLS)
listed in NANDO as NB 2762

EU type-examination certificate

for conformity assessment procedures
No. 230328

Date: 18.09.2024

Applicant: PLANAM
Arbeitsschutz-Vertriebs GmbH
Letter Straße 50
33442 Herzebrock-Clarholz
Germany

Application of: 24.08.2023

Type: **Protective clothing against cool environments**

Description/
Composition **Cold store vest**
Article 5122 navy

Outer fabric: article 420D Oxford, 140 g/m², 100% nylon PU coated

Padding: 60 g/m² (pockets), 100% polyester
250 g/m² (body), 100% polyester

Lining fabric: lining 190T, 100% polyester

Reflective material: article 8906 (design element only)

Labels: PPE#05 und #9

Requirement: Protective clothing in accordance with EN ISO 13688 + A1:2021,
EN 14058:2017 + A1:2023

ÖP-test report no. 230328 of 18.09.2024, ÖP-report forms and ÖP-assessments according to the above mentioned requirements. Further results which were used for the type examination: see page 2.

The EU type-examination certificate according to Annex V of Regulation (EU) 2016/425 (Module B) attests that the tested protective clothing meets the essential requirements of the Regulation according to Annex II.

The EU type-examination certificate consists of 3 pages and 1 attachment.

Prof. Dr. Lutz Vossebein
certification

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Commercial register Mönchengladbach HRB 15090
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Test methods/-principles/-results/requirements/assessments

All testings and assessments are carried out according to Regulation (EU) 2016/425 and the harmonized standards EN ISO 13688:2013 + A1:2021 and based on EN 14058:2017 + A1:2023

Corresponding results:

- ÖP test report-no. 230328 vom 18.09.2024 incl. Labtech test report no. 174572DE of 23.11.2023 and Hohenstein report no. 23.1.11.0567 of 07.12.2023

Test Feature	According to	Assessment
General requirements	EN ISO 13688	passed
Harmlessness	EN ISO 13688	passed
Design	EN ISO 13688 / EN 14058	passed
Comfort	EN ISO 13688 / EN 14058	passed
Ageing	EN ISO 13688	passed
General size designation	EN ISO 13688	passed
Labelling	EN ISO 13688 / EN 14058	passed
Information of the manufacturer	EN ISO 13688 / EN 14058	passed

Protective clothing: General requirements according to EN ISO 13688

Test Method	According to	Requirement	Assessment
Dimensional change after 25 washing cycles	EN ISO 5077 EN ISO 6330, 4M/A	$\pm 3 \%$	passed: ÖP 230328
Durability/readability of marking after 25 washing cycles	EN ISO 6330, 4M/A	yes	passed: ÖP 230328

Protective clothing: Protection against cool environments according to EN 14058

Test Method	According to	Requirement	Assessment
Thermal resistance after 25 washing cycles	EN ISO 11092 EN ISO 6330, 4M/A	$(m^2 * K) / W$ cl. 1: $0,06 \leq R_{ct} < 0,12$ cl. 2: $0,12 \leq R_{ct} < 0,18$ cl. 3: $0,18 \leq R_{ct} < 0,25$ cl. 4: $0,25 \leq R_{ct}$	class 4 passed: ÖP 230328
Air permeability after 25 washing cycles	EN ISO 9237 EN ISO 6330, 4M/A	mm/s cl. 1: $AP > 100$ cl. 2: $5 < AP \leq 100$ cl. 3: $AP \leq 5$	class 2 passed: ÖP 230328
Resultant effective thermal insulation after 25 washing cycles	EN ISO 15831 EN ISO 6330, 4M/A	$(m^2 * K) / W$ $0,174 \leq I_{cler} < 0,265$	passed: ÖP 230328
Tear resistance	EN ISO 4674-1, Verf. A	$\geq 20 N$	passed: ÖP 230328

Special notes

Basically, it should be noted that general protection performance is only given with complete body coverage, i.e. top and bottom parts worn in combination must ensure the identical level of protection.

For each chosen combination, the user must ensure that the body coverage (sleeves, trouser legs, minimum overlap, etc.) is also given in motion. This must be checked by the user in accordance with the standards before selecting the garment combination.

Adequacy and validity of the technical documentation

The technical documentation supplied by the applicant according to Annex III of Regulation (EU) 2016/425 has been examined.

The conformity with the requirements of the regulation is approved regarding the text in German language.

Validity of EU type-examination certificate

This EU-type examination certificate is valid subject to the validity of the requirements for the products identical to the test specimen. It expires on 18.09.2029.

An extension of validity or an adaptation of the certificate in case of a change of the requirements can be applied for.

The PPE was assigned to category II according to Annex I of Regulation (EU) 2016/425.

The manufacturer undertakes to carry out an internal production control in accordance with Annex VI of the Regulation (Module C).

The EU type-examination certificate consists of 3 pages and 1 annex:

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