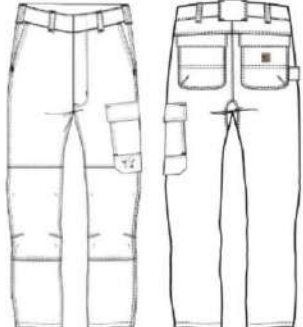
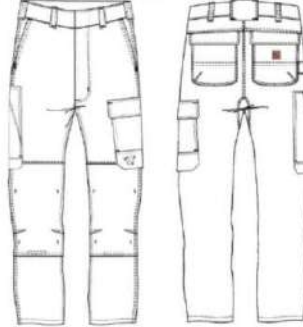


Technical Evaluation Report No. 0598/PPE/25/3101/R

Product:	Electrostatic dissipative protective clothing against heat and flame, thermal effects of electric arc, for use in welding and allied processes, and for work in the kneeling position
Model:	107180 FR Relaxed Straight Steel Rugged Flex Canvas Multi-Norm Double-Front Cargo Dungaree 107181 FR Relaxed Straight Steel Rugged Flex Canvas Multi-Norm Double-Front Multi-Cargo Dungaree
Trademark:	carhartt®
Certificate holder / Manufacturer:	Carhartt B.V. Cruquiusweg 109-D-2 Etage, 1019 AG Amsterdam, Netherlands
Applied standard(s) and/or technical specification(s):	EN ISO 13688:2013+A1:2021, EN 1149-5:2018, EN ISO 11612:2015, IEC 61482-2:2018, EN ISO 11611:2015 and EN 14404-4:2024
Performance level(s):	EN ISO 11612: A1+A2 B1 C1 E3 F1 IEC 61482-2: ELIM 9.7 cal/cm², ATPV 10 cal/cm² EN ISO 11611: Class 1 A1+A2 EN 14404-4: Type 2, level 0, interoperable knee protection
Risk category:	☐ Category II ☒ Category III
Description and identification of the products:	
Trousers are made of woven fabric quality CV1049, ref. 803156X, 97% CO, 2% Stretch, 1% antistatic, 310 g/m² (9,1 oz/yd²) (Daletec AS, Norway).	

Pictures of the products

107180 FR Relaxed Straight Steel Rugged Flex Canvas Multi-Norm Double-Front Cargo Dungaree	107181 FR Relaxed Straight Steel Rugged Flex Canvas Multi-Norm Double-Front Multi-Cargo Dungaree
	

Technical documentation

Item of technical documentation	Document identification	Assessment
1. A description of the PPE and its intended use	EN User information 107180_107180, 2025-04-15	The description is adequate
2. Product drawing, construction, and material list	Technical file, Section 2 Product details, 2025-04-15	Products are identified and described, materials are specified
3. List of the essential health and safety requirements that are applicable to the PPE	List of EHSR, Technical file.2025-04-15	The relevant requirements have been recognized
4. Standards and/or technical specifications applied	Risk Assessment, Section 3 in the technical file, 2025-04-15	The applied harmonized standards EN ISO 13688:2013+A1:2021 and EN 1149-5:2018, and standards EN ISO 11612:2015, IEC 61482-2:2018, EN ISO 11611:2015 and EN 14404-4:2024 support the relevant requirements
5. Test reports		
5.1. Aitex test report/Certificates of Test	No. 2023EP2942, 2023-09-12 No. 23EP0499, 2023-03-13 Quality 803156X	Material meets the requirements of EN 1149-5:2018, EN ISO 11612:2015 A1 A2 B1 C1 E3 F1 and EN ISO 11611:2015 class 1 A1 A2 (5 industrial wash cycles at 75°C)
5.2. Kinetrics test report	No. K-580778-2302P11B-R00, 2023-04-03 Quality 803156X	Material meets the requirements of IEC 61482-2:2018 ELIM 9.7 cal/cm², ATPV 10 cal/cm² (5 domestic washes at 60°C)
5.3. SGS Fimko test report	No. HELPP2501000123-1, 2025-03-04 Seam of woven fabric quality CV1049, ref. 803156X	Seams meet the requirements of EN ISO 11612:2015 for limited flame spread A1 A2 and seam strength (5 domestic washes at 40°C)
5.4. Aitex test report	No. 2025EP1464, 2025-04-10 107181 Work Pant	Trousers meet the requirements of IEC 61482-2:2018 arc value 10 cal/cm² (5 domestic washes at 75°C)
5.5. SGS Fimko test report	No. HELPP2301000202-1, 2023-02-21 Trousers with interoperable knee pockets (Trousers 107180 and 107180 with identical knee pockets and location)	Knee protection meets the requirements of EN 14404-4:2024 for ergonomics
5.6. SGS Fimko test record	Assessment of the design, 2025-02-11, 2025-03-05	Garments meet the design requirements of EN 1149-5:2018, EN ISO 11612:2015, IEC 61482-2:2018 and EN ISO 11611:2015
6. Draft information sheet	EN User information 107180_107180, 2025-04-15	Document meets the requirements of the applied legislation and standards
7. Product markings	Product Markings, Section 4 in the technical file, 2025-04-15	Markings meet the requirements of the applied legislation and standards
8. Risk assessment	Risk Assessment, Section 3 in the technical file, 2025-04-15	Adequate
9. Description of the production quality system and related product control and test facilities	ISO 9001:2015 Certificate No. 0119825, Sapphire Finishing Mills Ltd, Intertek Certification Ltd, 2024-11-28 Quality control System Presentation, Sapphire Finishing Mills	Adequate for module B. Agreement with SGS Fimko 0598 for the EU quality control assurance system, module C2 (PPE category III products) <i>Note: This does not indicate approval of the quality management system according to module D of the PPE Regulation.</i>

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Notified Body 0598

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Applied legislation

- ☒ Regulation (EU) 2016/425 (CE marking)
- ☐ Regulation 2016/425 as brought into GB law and amended (UKCA marking)

Evaluation

- ☒ The documentation supplied by the certificate holder / manufacturer or their authorized representative fulfils the requirements of the PPE Regulation and standard(s) and/or technical specification(s) applied.
- ☒ The documentation supplied contained a signed application form
- ☒ Material(s) and the product(s) have been tested in accordance with the requirements of the applied standard(s) and technical specification(s) by accredited testing laboratories.
- ☒ The model(s) of the product(s) supplied by the applicant conform(s) to the technical documentation.

For category III products:

- ☐ The technical file contains evidence that a module C2 or module D service is in place.

Note: This is a requirement only for renewal, not for initial certification.

Appendix 1 Document history

End of Technical Evaluation Report



Document history of Technical Evaluation Report 0598/PPE/25/3101/R	
2025-05-07	Technical Evaluation Report No. 0598/PPE/25/3101/R issued for EU type-examination certificate No. 0598/PPE/25/3101, Issue 1 Prepared by Erja Tammela

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