

EU type-examination report

This EU type-examination report is for EU type-examination certificate No. 0598/PPE/21/2645, Issue 1.

1. Applicant

Trital Safety BV
Mandenmakerstraat 41
NL-3194 DA Hoogvliet
The Netherlands

2. Description and identification of the product

Product name: FRACH-T-19 Trousers, FRACH-J-19 Jacket, FRACH-C-19 Coverall

Type: Electrostatic dissipative protective clothing against heat and flame, thermal effects of electric arc, and for use in welding and allied processes, offering limited protection against liquid chemicals as defined in EN ISO 13688:2013, EN 1149-5:2018, EN ISO 11612:2015, EN 61482-2:2020, EN ISO 11611:2015 and EN 13034:2005+A1:2009

EN ISO 11612: A1 B1 C1 E1 F1
EN 61482-2: ELIM 9,2 cal/cm², ATPV 11,0 cal/cm², APC 1 (4 kA)
EN ISO 11611: Class 1 A1
EN 13034: Type 6

Description: Garments are made of quality MCX240R, 50% MAC, 38% CO, 5% aramid, 5% PA, 1% antistatic, 240 g/m² (Hangzhou Segurmax Textile Co. Ltd, China).

Garments can be provided with the following alternative retroreflective materials:

- Loxy 9801 Silver (Loxy AS, Norway)
- Gio-Lite FR120 (Giolite-Lumian Co. Ltd., Korea)
- Loxy 9808 Trim (Loxy AS, Norway)
- Quality H001 Silver (Zhejiang YGM Technology, China).

Manufacturer: Trital Safety BV, Mandenmakerstraat 41, NL-3194 DA Hoogvliet, The Netherlands

Pictures of the products are on page 2.

3. Adequacy and validity of the technical documentation

The documentation supplied by the applicant is listed in Appendix 1. The technical documentation is considered adequate and valid. Materials and the products have been tested in accordance with harmonized European standards EN ISO 13688:2013, EN 1149-5:2018, EN 61482-2:2020 and EN 13034:2005+A1:2009, and standards EN ISO 11612:2015 and EN ISO 11611:2015 by accredited testing laboratories.

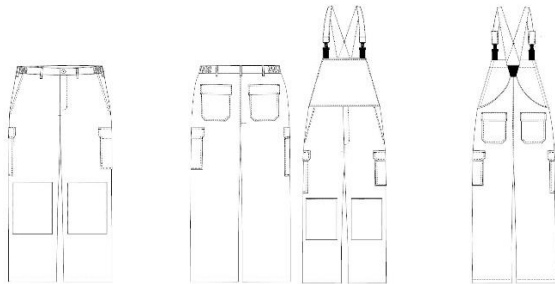
4. Compliance with essential health and safety requirements

The products and the technical documentation relating to them comply with the relevant essential health and safety requirements stated in the Regulation (EU) 2016/425 Annex II.

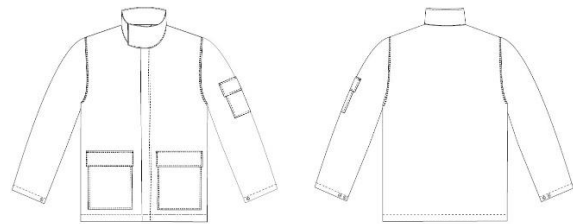
Note: Any modification in design, materials, or in the technical documentation, carried out on these type-examined products must be brought to the attention of SGS Fimko.

Pictures of the products, basic models

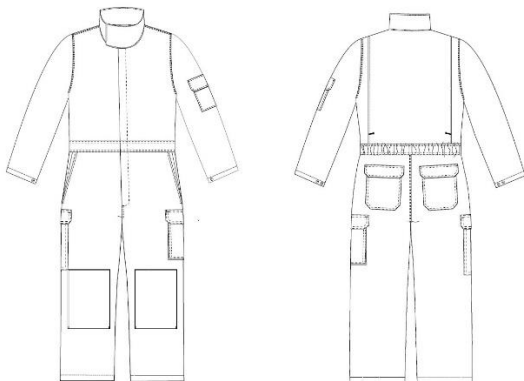
FRACH-T-19 Trousers



FRACH-J-19 Jacket



FRACH-C-19 Coverall



Appendix 1 Technical documentation
Appendix 2 Document history

End of EU type-examination report.

Technical documentation regarding EU type-examination report 0598/PPE/21/2645/R

Product name: FRACH-T-19 Trousers, FRACH-J-19 Jacket, FRACH-C-19 Coverall I

Applicant: Trital Safety BV, Mandenmakerstraat 41, NL-3194 DA Hoogvliet, The Netherlands

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EU type examination	2021-09-25	
2. Product drawing, construction, and material list	Technical file FRACH-19, 09/2021 Sketches of the products List of materials	Products are identified and described, materials are specified
3. Compliance with Regulation (EU) 2016/425 essential health and safety requirements	The compliance assessment is based on reports mentioned below items 3.1-3.17	
3.1. SGS Fimko assessment of essential health and safety requirements	2021-10-15	The applied harmonised standards EN ISO 13688:2013, EN 1149-5:2018, EN 61482-2:2020 and EN 13034:2005+A1:2009, and standards EN ISO 11612:2015 and EN ISO 11611:2015 support the relevant requirements
3.2. STFI test report/Certificate of Test	No. 2020 2156, 2020-11-17 No. V 0818/20-0806/20, 2020-11-19 Segurpro Plus art. MCX240R	Material meets the requirements of EN 1148-5:2018, EN ISO 11612:2015 A1 B1 C1 E1 F1, EN ISO 11611:2015 and EN 13034:2005+A1:2009 classes abrasion 3, tear 3, tensile 5, puncture 2; repellency/penetration H ₂ SO ₄ 3/3, NaOH 3/3
3.3. STFI test report	No. 2021 0757, 2021-06-07 Segurpro Plus art. MCX240R	Material meets the requirements of EN 61482-2:2020 APC 1 (4 kA)
3.4. Aitex test report	No. 2021CN0005, 2021-01-27 Segurpro Plus art. MCX240R	Material meets the requirements of EN 61482-2:2020 ELIM 9,2 cal/cm ² , ATPV 11 cal/cm ²
3.5. SGS test report	No. SL52105255405901TX, 2021-04-13 Segurpro Plus art. MCX240R, Navy	Material meets the requirements of EN ISO 13688:2013 for innocuousness (Azo dyes and pH)
3.6. Satra test reports	Ref: SPC0207472/1237, 2012-10-17 Ref: SPC0209185/1245, 2013-01-24 Seams of Modacryl 170	Seams meet the requirements of EN ISO 11611:2015 for limited flame spread A1 and seam strength. Seam strength meets the requirements of EN 13034:2005+A1:2009 class 5
3.7. Aitex test reports	No. 2021EP1442, 2021-06-10 No. 2021EP1444, 2021-05-27 Coverall MCX240R	Garments meet the requirements of EN 61482-2:2020 arc value 11 cal/cm ² and APC 1 (4 kA)
3.8. STFI test report	No. 2017 1564, 2017-08-31 Coverall Xtreme 250	Garments meet the requirements of EN 13034:2005+A1:2009 for resistance to penetration by liquid, spray test
3.9. FIOH test report	No. 325539T01rev1, 2016-11-11 LOXY 9801	Retroreflective material meets the requirements of EN ISO 20471:2013 +A1:2016, EN ISO 11612:2015 for limited flame spread A1 and heat resistance and EN 1149-5:2018 (100 domestic washes at 60°C, 40 industrial washes at 75°C)

3.10. STFI Certificate / Test report	No. Z 4916/10-6070/11, 2011-01-19 No. 1649/10, 2010-09-20 FR 120 AF	Retroreflective material meets the requirements of EN ISO 20471:2013 +A1:2016 and EN ISO 11612:2015 for limited flame spread A1 and heat resistance (50 domestic washes at 60°C)
3.11. Satra test report	Ref: SPC0218279/1338/4, 2013-09-30 Loxy 9808TRIM	Retroreflective material meets the requirements of EN ISO 20471:2013 +A1:2016 (silver part) and EN ISO 11612:2015 for limited flame spread A1 and heat resistance (30 industrial washes at 75°C)
3.12. Intertek test reports	No. GZHT90539805, 2015-08-10 No. GZHT90682702, 2017-03-17 Quality H001 – H004	Retroreflective material meets the requirements of EN ISO 20471:2013 +A1:2016 (50 domestic washes at 60°C)
3.13. SGS test report	No. SHSL1609222661TX, 2016-09-22 Quality H001	Retroreflective material meets the requirements of EN ISO 11612:2015 for limited flame spread A1
3.14. SGS Fimko test record	Assessment of the design, 2021-10-13 (based on sketches, design descriptions and possible variants)	Garments meet the design requirements of EN 1149-5:2018, EN ISO 11612:2015, EN 61482-2:2020, EN ISO 11611:2015 and EN 13034:2005+A1:2009
3.15. Draft information sheet	Technical file, part 10: User instructions	Document meets the requirements of PPE Regulation, EN ISO 13688:2013, EN 1149-5:2018, EN ISO 11612:2015, EN 61482-2:2020, EN ISO 11611:2015 and EN 13034:2005+A1:2009
3.16. Product markings	Technical file, part 9: Labelling of PPE	Marking meets the requirements of PPE Regulation, EN ISO 13688:2013, EN 1149-5:2018, EN ISO 11612:2015, EN 61482-2:2020, EN ISO 11611:2015 and EN 13034:2005+A1:2009
3.17. Risk assessment	Technical file, part 5: Description of the risk covered by the PPE	Adequate
4. Description of the production quality system and related product control and test facilities	Technical file, part 7: Description of the quality control measures by the manufacturer	Adequate for module B. Agreement on the EU quality assurance system with NB 0493

Document history of EU type-examination certificate 0598/PPE/21/2645 and report 0598/PPE/21/2645/R

2021-10-15	EU type-examination report No. 0598/PPE/21/2645/R issued for EU type-examination certificate 0598/PPE/21/2645, Issue 1

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