

PAK BENELUX

Safety Wears



Online Production Watching Facility

CE CERTIFIED
GLOVES &
WELDER
CLOTHING

Sedex | **SMETA**
SMETA the Sedex Members Ethical Trade Audit
CERTIFIED

BSCI
BUSINESS SOCIAL COMPLIANCE INITIATIVE
CERTIFIED

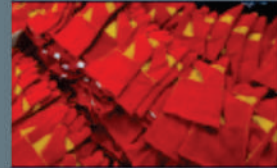
ISO
9001 & 14001
CERTIFIED

LARGE RANGE OF CE APPROVED WELDING GARMENT IN PAKISTAN



WELDING APPERAL
SW-1239 - 1240 - 1241
WELDING GARMENT SERIES

WWW.PAKBENELUX.COM



BRAND HISTORY

Our main line of business is manufacturing and exporting all types of gloves to the importers and distributors all over the world.

With 35 years of experience in this field, our company has become a leading supplier in the gloves and leather industry in Pakistan and enjoys tremendous success as an independent manufacturing company.

03

SERIES OF
WELDING GARMENT
SW-1239 - 1240 - 1241



Notified Body No. 1023
INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a.s.
trida Tomase Bati 299, Louky, 763 02 Zlín, Czech Republic
www.itczlin.cz

EU Type-Examination Certificate No. 24 0226 T/NB

issued in the compliance with the Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (Module B), for personal protective equipment of category II:

Welder Clothing SW-1239 - 1240 - 1241 Series

Manufacturer:
PAK BENELUX SAFETY WEARS
SAIDPUR ROAD, 13KM PINDI PANJORAN 51310 SIALKOT
PAKISTAN
Tax Registration No: 3963724-7

This Certificate confirms that above referenced personal protective equipment (PPE) fulfils the essential health and safety requirements as they are stated in the Regulation (EU) 2016/425 of the European Parliament and of the Council, specified in detail in the harmonized technical standard:

ČSN EN ISO 13688:2014/A1:2022 (EN ISO 13688:2013/A1:2021)

and technical standards:

ČSN EN ISO 11611:2020 (EN ISO 11611:2015)

[Class 1/A1] for Welder Clothing SW-1239 Series

[Class 2/A1] for Welder Clothing SW- 1240 - 1241 Series

ČSN EN ISO 11612:2015 (EN ISO 11612:2015)

[Performance levels: A1, B1, C1] for Welder Clothing SW-1239 Series

[Performance levels: A1, B2, C2] for Welder Clothing SW- 1240 - 1241 Series

The PPE is produced in compliance with the manufacturer's technical file. The detailed product descriptions, the results of technical file examination as well as the test results including their evaluation are presented in the ITC's Evaluation Report No. 723302669/2024 that is an integral part of this Certificate.

Condition of this certificate use and related information:

1. It applies only to the above referenced type of category II PPE submitted to test.
2. It does not imply that the Notified Body has performed any surveillance or control of PPE manufacture.
3. The manufacturer is obligated to assure that all PPEs of the respective type conform to the type approved by this Certificate.
4. The applicant shall inform the Notified Body of all technology changes in manufacture of the approved type and as consequence of the technical advances he shall regularly keep himself informed of any standard changes as well as modifications of testing methods conducted by the Notified Body, which shall approve these changes in necessary cases by the amendment of this Certificate.
5. After fulfilling the relevant EU legislation requirements, the manufacturer shall affix to each PPE, of the above referenced type, the CE-marking according to principles laid down in Regulation (EC) no. 765/2008.

Issued in Zlín, on 14th June 2024
Valid until: 13th June 2029



Mgr. Jiří Heš

Mgr. Jiří Heš
Representative of the Notified Body No. 1023

WELDER CLOTHING

SW-1239
WELDER CLOTHING
SERIES



EN ISO 13688:2013
+A1:2021

CE CAT II
EU:2016/425



EN ISO 11611:2015
A1 Class 1



EN ISO 11612:2015
A1, B1, C1



Art SW:1239 Welding Coverall



Art SW:1239 Welding Shirt



Art SW:1239 Welding

Art SW:1239 Welding
Short Sleeve

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ART: SW-1239 Welder Clothing Series

- FR 100% Cotton
- Navy Blue Color
- Kevlar Stitched
- Unbreakable Buckles
- Brass Buttons

WELDER CLOTHING

Art SW:1239
Welding Aprons



60X90CM

70X90CM

78X104CM

80X120CM



Art SW:1239 Welding
Long Sleeve



Art SW:1239 Welding
Legging Long



Art SW:1239 Welding
Short Long

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WELDER CLOTHING

SW-1240 WELDER CLOTHING SERIES



EN ISO 13688:2013
+A1:2021

CE CAT II
EU:2016/425



EN ISO 11611:2015
A2 Class 1



EN ISO 11612:2015
A1, B2, C2



Art SW:1240
Welding Jacket



Art SW:1240
Welding Jacket 2



Art SW:1240
Welding Grinding Hood L+F



Art SW:1240 Welding Grinding Hood

ART: SW-1240 Welder Clothing Series

- FR 100% Cotton
- Cow Split Leather
- Kevlar Stitched
- Unbreakable Buckles
- Brass Buttons



Art SW:1240
Welding Pant



Art SW:1240 Welding
78x104cm & 80x120cm



Art SW:1240 Welding
60x90cm & 70x90cm

WELDER CLOTHING



Art SW:1240 Welding
Short Sleeve



Art SW:1240 Welding
Long Sleeve



Art SW:1240 Welding Bib Full Length



Art SW:1240 Welding
Long Legging

Art SW:1240 Welding Bib
Short Length



Art SW:1240 Welding Short Legging

WELDER CLOTHING

SW-1241 WELDER CLOTHING SERIES



EN ISO 13688:2013
+A1:2021

CE CAT II
EU:2016/425



EN ISO 11611:2015
A2 Class 1



EN ISO 11612:2015
A1, B2, C2



Art SW:1241 Welding Coverall



Art SW:1241 Welding Jacket 2



Art SW:1241
Welding Jacket



Art SW:1241 Welding
Short Sleeve with Fabric



Art SW:1241
Welding Pant



Art SW:1241 Welding
Short Sleeve



Art SW:1241 Welding
Long Sleeve

ART: SW-1241 Welder Clothing Series

- FR 100% Cotton
- Cow Split Leather
- Kevlar Stitched
- Unbreakable Buckles
- Brass Buttons

WELDER CLOTHING



Art SW:1241 Welding Apron
60x90cm & 70x90cm



Art SW:1241 Welding Apron
78x104cm & 80x120cm



Art SW:1241 Welding Bib Long

Art SW:1241 Welding Bib Short



Art SW:1241 Welding Short Shoe Cover



Art SW:1241 Welding Long Shoe Cover



INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a.s.
třída Tomáše Bati 299, Louky, 763 02 Zlín

EVALUATION REPORT

Ref. No.: 723302669/2024

Customer: **PAK BENELUX SAFETY WEARS**
SAIDPUR ROAD, 13KM PINDI PANJORAN
51310 SIALKOT
PAKISTAN

Product: **Welder Clothing**
SW-1239 - 1240 - 1241 Series

Author: **Dipl. Ing. Daniela Olšanová**

Issued on: **2024-06-14**



Mgr. Jiří Heš

Representative of Notified Body No. 1023



INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a. s.
Notified Body 1023
www.itczlin.cz

Ref. No. 723302669/2024
Page 2 of 18

Introduction

This Evaluation Report was issued on the basis of Application No. 723302669 for the assessment of conformity of personal protective equipment (PPE) with the basic requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

This assessment should prove the fulfilment of EU legislation requirements for the purpose of the access of the assessed products to the EU market.

1. Identification of assessed personal protective equipment

A detailed description of the design and structure, including the drawing documentation and specifications of materials used, is given in the file of technical documentation of the product called Welder Clothing SW-1239 - 1240 - 1241 Series.

The submitted documentation covers the following models and alternatives of the product:

Samples No. 723302669/A

Welder Clothing SW-1239 - 1240 - 1241 Series

SW-1239 Series:

SW-1239 Welding Coverall
SW-1239 Welding Shirt
SW-1239 Welding Pant
SW-1239 Welding Apron 60x90cm
SW-1239 Welding Apron 70x90cm
SW-1239 Welding Apron 78x104cm
SW-1239 Welding Apron 80x120cm
SW-1239 Welding Sleeve Short
SW-1239 Welding Sleeve Long
SW-1239 Welding Legging Long
SW-1239 Welding Legging Short

SW-1240 Series:

SW-1240 Welding Jacket
SW-1240 Welding Jacket 2
SW-1240 Welding Pant
SW-1240 Grinding Hood L+F
SW-1240 Grinding Hood Only Fabric
SW-1240 Welding Apron 78x104cm
SW-1240 Welding Apron 80x120cm
SW-1240 Welding Apron 60x90cm
SW-1240 Welding Apron 60x90cm (2-Pcs)
SW-1240 Welding Apron 70x90cm
SW-1240 Welding Short Sleeve
SW-1240 Welding Long Sleeve
SW-1240 Welding Short Legging
SW-1240 Welding Long Legging
SW-1240 Welding Short Bib
SW-1240 Welding Long Bib

SW-1241 Series:

- SW-1241 Welding Coverall
- SW-1241 Welding Jacket
- SW-1241 Welding Jacket 2
- SW-1241 Welding Pant
- SW-1241 Welding Apron 60x90cm
- SW-1241 Welding Apron 60x90cm (2-Pcs)
- SW-1241 Welding Apron 70x90cm
- SW-1241 Welding Apron 78x104cm
- SW-1241 Welding Apron 80x120cm
- SW-1241 Welding Sleeve Short with Fabric
- SW-1241 Welding Sleeve Short
- SW-1241 Welding Sleeve Long
- SW-1241 Welding Short Legging
- SW-1241 Welding Long Legging
- SW-1241 Welding Bib Short
- SW-1241 Welding Bib Long

Basic material:

Welder Clothing SW-1239 Series

Blue FR Fabric – Cotton Fabric, Navy Blue, BFR-MTL-526 (sample No. 723302669/01)

Welder Clothing SW-1240 Series

Golden FR Split Leather, CSS-PBS-461 (Sample No. 723302669/02)

Blue FR Fabric – Cotton Fabric, Navy Blue, BFR-MTL-526 (sample No. 723302669/01)

Welder Clothing SW-1241 Series

Brown FR Split Leather, CSB-PBS-460 (Sample No. 723302669/03)

Blue FR Fabric – Cotton Fabric, Navy Blue, BFR-MTL-526 (sample No. 723302669/01)

Hardware:

- White Elastic, art. ELS-POL-245
- Kevlar thread, art. DUP-KEV-457
- Brass Button, art. SBB-AKT-067
- Velcro, art. MTS-SKT-981
- Plastic Buckle, art. NBM-SKT-281

Design:

Jacket, Shirt, Coverall, Pant, Short Sleeve, Long Sleeve, Short Bib, Long Bib, Short legging, Long Legging, Hood, Apron

Sizes: XS / S / M / L / XL / XXL / 3XL / 4XL

Intended use of the personal protective equipment

This **Welder Clothing SW-1239 - 1240 - 1241 Series** is designed to protect the user during welding and allied processes with comparable risks. The clothing provides protection for specific parts of the body. This type of protective clothing is intended to protect the wearer

against spatter (small splashes of molten metal), short contact time with flame, convective heat, radiant heat from an electric arc used for welding and allied processes, and minimizes the possibility of electrical shock by short-term, accidental contact with live electrical conductors at voltages up to approximately 100V d. C. in normal conditions of welding. **Class 2/A1 for Welder Clothing SW- 1240 - 1241 Series** and **Class 1/A1 for Welder Clothing SW-1239 Series.**

The protective **Welder Clothing SW-1239 Series** serves as protection against electrostatic discharge and short-term contact with small flames **A1**, ultraviolet radiation and another thermal risks at level: **B1** (convective heat), **C1** (radiant heat).

The protective **Welder Clothing SW- 1240 - 1241 Series** serves as protection against electrostatic discharge and short-term contact with small flames **A1**, ultraviolet radiation and another thermal risks at level: **B2** (convective heat), **C2** (radiant heat).

Welder Clothing Series	Level of protection EN ISO 11611	Level of protection EN ISO 11612
SW-1239	Class 1/A1	A1, B1, C1
SW- 1240 - 1241	Class 2/A1	A1, B2, C2

Classification of the Personal Protective Equipment

Welder Clothing SW-1239 - 1240 - 1241 Series were classified as **PPE category II** by the manufacturer.

Design:

SW-1239 Welder Clothing Series



SW-1240 Welder Clothing Series



SW-1241 Welder Clothing Series



2. Technical documentation

Technical documentation was submitted to assess the conformity of **Welder Clothing SW-1239 - 1240 - 1241 Series** on 2024-06-10. The file of technical documentation contains the items according to Annex III of the Regulation (EU) 2016/425 of the European Parliament and of the Council.

3. Assessment of conformity with basic requirements according to the Regulation (EU) 2016/425 of the European Parliament and of the Council

3.1 Basic requirements for the product and its specification in technical specifications

Basic requirements are set by Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment.

Tables No. 1 through 3 state the analysis of applicability of basic requirements according to Annex II of Regulation (EU) 2016/425 in the right column, supplemented in case of applicable requirements by articles of harmonised standards stated in their harmonisation annex ZA or other technical specifications used for proving the conformity with respective partial requirement. "A" letter in the third column of the tables means that these requirements has been used for the given PPE, the "N/A" abbreviation (not applicable) means the requirement does not apply to the given PPE because it is irrelevant for the given intended use and/or the material used.

Column 4 of Tables No. 1 – 3 states the articles of harmonised standards which are linked, by means of cross links in the harmonisation annex ZA, to the respective basic requirement of Regulation (EU) 2016/425. Meeting these articles of the harmonised standard proves the conformity of the product with the given basic requirement stated in the right column.

The fifth column of Tables No. 1 – 3 states the articles of non-harmonised technical specifications by which the manufacturer proves the conformity with the respective basic requirement which is not included in harmonisation. These can be articles of non-harmonised national or international standards as well as articles of harmonised standards which are not connected with the given requirement by a link in the harmonisation annex ZA. In extraordinary cases, the respective basic requirement can be set quite specifically by the Regulation so the conformity can be assessed directly with this article of the Regulation without any necessity to specify the required by means of a harmonised standard or other technical specification.

In case of applicable requirements, the last column of Tables No. 1– 3 states the assessment of the given requirement, whether PPE passes or does not pass. "P" letter means PPE passes the given requirement; "N/P" means it does not pass it.

Table 1: Overview of basic requirements and technical specifications used in the PPE design. General requirements applicable to all PPE

Requirement number in Annex II	Requirement description	Application A – N/A	Article of the harmonised / non-harmonized standard specifying the requirement (according to Annex ZA)	Other technical specification or the manner of proving the compliance with the requirement	Assessment P – N/P
1.1	Design principles	A		EN ISO 13688/A1, art. 4.3 EN ISO 11611, art. 4 EN ISO 11612, art. 4	P



Requirement number in Annex II	Requirement description	Application A – N/A	Article of the harmonised / non-harmonized standard specifying the requirement (according to Annex ZA)	Other technical specification or the manner of proving the compliance with the requirement	Assessment P – N/P
1.1.1	Ergonomics	A		EN ISO 13688/A1, art. 4, Annex C	P
1.1.2	Levels and classes of protection	A		See requirement 1.1.2.1. a 1.1.2.2 below	P
1.1.2.1	Optimum level of protection	A		See requirement 1.1.2.2 below	P
1.1.2.2	Classes of protection appropriate to different levels of risks	A	EN ISO 11611, art. 6.1, 6.8, 6.9	EN ISO 11611, art. 6.12 EN ISO 11612, art. 6.3	P
1.2	Innocuousness of PPE	A		See requirement 1.2.1, 1.2.1.1, 1.2.2.1 a 1.2.1.3 below	P
1.2.1	„Absence of risks and other inherent nuisance factors	A	EN ISO 11611, art. 4.1, 4.2, 4.3, 4.5 to 4.7, 6.10, 6.11 EN ISO 11612, art. 4.2.2, 4.2.3, 4.3, 4.4, 6.2, 6.4		P
1.2.1.1	Suitable constituent materials	A	EN ISO 13688/A1, art. 4.2		P
1.2.1.2	Satisfactory surface condition of all PPE parts in contact with the user	A	EN ISO 13688/A1, art. 4.4		P
1.2.1.3	Maximum permissible user impediment	A		See requirement 1.1.1 above	P
1.3	Comfort and effectiveness	A		See requirement 1.3.1, 1.3.2, 1.3.3 below	P
1.3.1	Adaptation of PPE to user morphology	A	EN ISO 11611, art. 4.4 EN ISO 11612, art. 4.2		P
1.3.2	Lightness and design strength	A	EN ISO 11611, art. 6.2, 6.3, 6.5 EN ISO 11612, art. 6.5		P
1.3.3	Compatibility of different classes or types of PPE designed for simultaneous use	A		EN ISO 13688/A1, art. 4.3.3	P
1.3.4	Protective clothing containing removable protectors	N/A			
1.4	Manufacturer's instructions and information	A	EN ISO 13688/A1, art. 8 EN ISO 11611, art. 5.2, 8 EN ISO 11612, art. 5.2	EN ISO 11612, art. 11	P



Table 2: Overview of basic requirements and technical specifications used in the PPE design. Additional requirements common to several classes or types of PPE

Requirement number in Annex II	Requirement description	Application A – N/A	Article of the harmonised / non-harmonized standard specifying the requirement (according to Annex ZA)	Other technical specification or the manner of proving the compliance with the requirement	Assessment P – N/P
2.1	PPE incorporating adjustment systems	A		Direct assessment according to art. 2.1, Annex II Regulation PPE	P
2.2	PPE enclosing the parts of the body to be protected	A		Direct assessment according to art. 2.2, Annex II Regulation PPE	P
2.3	PPE for the face, eyes and respiratory system	N/A			
2.4	PPE subject to ageing	A	EN ISO 11611, art. 5.3 EN ISO 11612, art. 5.3		P
2.5	PPE which may be caught up during use	N/A			
2.6	PPE for use in potentially explosive atmospheres	N/A			
2.7	PPE intended for rapid intervention or to be put on or removed rapidly	N/A			
2.8	PPE for intervention in very dangerous situations	N/A			
2.9	PPE incorporating components which can be adjusted or removed by the user	N/A			
2.10	PPE for connection to complementary equipment external to the PPE	N/A			
2.11	PPE incorporating a fluid circulation system	N/A			
2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	A	EN ISO 13688/A1, art. 6, 7 EN ISO 11611, art. 7 EN ISO 11612, art. 8		P
2.13	PPE capable of signalling the user's presence visually	N/A			
2.14	'Multi-risk' PPE	A		EN ISO 11611 EN ISO 11612	P

Table 3: Overview of basic requirements and technical specifications used in the PPE design. Additional requirements specific to particular risks

Requirement number in Annex II	Requirement description	Application A – N/A	Article of the harmonised / non-harmonised standard specifying the requirement (according to Annex ZA)	other technical specification or the manner of proving the compliance with the requirement	Assessment P – N/P
3.1	Protection against mechanical impact	N/A			
3.1.1	Impact caused by falling or ejected objects and collision of parts of the body with an obstacle	N/A			
3.1.2	Falls	N/A			
3.1.2.1	Prevention of falls due to slipping	N/A			
3.1.2.2	Prevention of falls from a height	N/A			
3.1.3	Mechanical vibration	N/A			
3.2	Protection against static compression of part of the body	N/A			
3.3	Protection against mechanical injuries	N/A			
3.4	Protection in liquids	N/A			
3.4.1	Prevention of drowning	N/A			
3.4.2	Buoyancy aids	N/A			
3.5	Protection against the harmful effects of noise	N/A			
3.6	Protection against heat and/or fire	A		See requirements 3.6.1 and 3.6.2 below	P
3.6.1	PPE constituent materials and other components	A	EN 11611, art. 6.7, 6.8, 6.9 EN ISO 11612, art. 5.2.1, 6.3		P
3.6.2	Complete PPE ready for use	A	EN ISO 11611, art. 6.8, 6.9	EN ISO 11612, art. 7.2, 7.3, 7.5	P
3.7	Protection against cold	N/A			
3.7.1	PPE constituent materials and other components	N/A			
3.7.2	Complete PPE ready for use	N/A			
3.8	Protection against electric shock	N/A			
3.8.1	Insulating equipment	N/A			
3.8.2	Conductive equipment	N/A			
3.9	Radiation protection	N/A			
3.9.1	Non-ionising radiation	N/A			
3.9.2	Ionising radiation	N/A			
3.9.2.1	Protection against external radioactive contamination	N/A			
3.9.2.2	Protection against external irradiation	N/A			

Requirement number in Annex II	Requirement description	Application A – N/A	Article of the harmonised / non-harmonised standard specifying the requirement (according to Annex ZA)	other technical specification or the manner of proving the compliance with the requirement	Assessment P – N/P
3.10	Protection against substances and mixtures which are hazardous to health and against harmful biological agents	N/A			
3.10.1	Respiratory protection	N/A			
3.10.2	Protection against cutaneous and ocular contact	N/A			
3.11	Diving equipment	N/A			

When designing the product, the manufacturer applied the following standard harmonised to Regulation (EU) 2016/425:

ČSN EN ISO 13688:2014/A1:2022 (EN ISO 13688:2013/A1:2021)
Protective clothing – General requirements

and technical standards:

ČSN EN ISO 11611:2016 (EN ISO 11611:2015)
Protective clothing for use in welding and allied processes

ČSN EN ISO 11612:2015 (EN ISO 11612:2015)
Protective clothing – Clothing to protect against heat and flame – Minimum performance requirements

3.2 Indicators specifying basic requirements and test methods

Indicators specifying applicable basic requirements (marked with "A" in the third column of Tables No. 1 through 3):

- basic health and ergonomic requirements
 - health safety, design, comfort, ergonomic properties, sizes
- design requirements – basic requirements
 - fat content
 - limited flame spread
 - dimensional changes after washing and drying
 - tensile strength
 - tear strength
 - seam strength
- requirements on protection for welders
 - radiant heat
 - convective heat
 - impact of spatter (small splashes of molten metal)
- requirements on electrostatic properties
 - electric resistance

- requirements on protection against heat and flame
 - heat resistance
 - limited flame spread
 - dimensional changes after washing and drying
 - tensile strength
 - tear strength
 - seam strength
 - convective heat
 - radiant heat
- marking, information for use

3.2 Test methods

Table No. 4: Overview of test methods used for evaluating the materials

Properties – materials	Test method
Innocuousness	
- pH of water extract	EN ISO 4045, ISO 3071
- Chromium (VI) content	ISO 17075-1, ČSN EN ISO 4684
- Azo-dyes	EN ISO 17234-1, EN ISO 17234-2
Fat content	ISO 4048
Dimensional changes after washing and drying ¹⁾	EN ISO 5077
Tensile strength ¹⁾	ISO 3376
Tear strength ¹⁾	ISO 3377-1, EN SIO 13937-2
Seam strength ¹⁾	EN ISO 13935-2
Limited flame spread ¹⁾	EN ISO 15025, Method: A
- basic material and seams	
- hardware	
Heat resistance ¹⁾	ISO 17493, (180 ± 5) °C
Convective heat ¹⁾	ISO 9151
Radiant heat ¹⁾	EN ISO 6942, Method B, heat flux 20 kW/m ²
Impact of spatter (small splashes of molten metal) ¹⁾	ISO 9150
Electric resistance ¹⁾	EN 1149-2, ČSN EN ISO 11611 art. 6.10

¹⁾ Welder Clothing SW-1239 Serie made of Blue FR Fabric – Cotton Fabric, Navy Blue, BFR-MTL-526 were tested after pre-treatment by dry cleaning and finishing by tetrachlorethene according to ISO 3175-2.

Table No. 5: Overview of test methods used for evaluating the product

Properties – clothing	Test method
Design	Visual assessment, wearing test
Ergonomics, comfort	Wearing test – evaluation according to EN ISO 13688/A1, Annex C
Sizes	Visual assessment
Marking, information for use	Visual assessment

3.4 Place and scope of sampling

Samples of the assessed product Welder Clothing SW-1239 - 1240 - 1241 Series were delivered by the Customer on 2024-05-06 in compliance with instructions of the designated worker of the Notified Body NB 1023 at the quantity of 1 piece of each design variant, 1 meter square with seam in the middle of FR Cotton Fabric Navy Blue Color.

With regard to the fact that this is the EU type examination by a notified body, the Customer asking for assessing the conformity is responsible for selecting a sample (or prototype). The test examination does not include inspection activity focused on the conformity of properties of all products introduced to the market with the assessed (proto)type.

3.5 Place of performing the tests and assessment

Tests were performed in the following accredited testing laboratory: Institut pro testování a certifikaci, a.s. Zlín, Czech Republic; CENTEXBEL, Gent, Belgium; Tti Testing Laboratories, Lahore, Pakistan; SATRA Technology, Northamptonshire, UK.

The documentation was examined and visual inspection and product type assessment were performed in Institut pro testování a certifikaci, a.s. Zlín, Czech Republic.

3.6 Results of tests and assessment

Results of the personal protective equipment evaluation are summarised in Table No. 6. Test methods stated in respective part of Tables No. 4 and 5 were used.

Table No. 6: Results of evaluation of the product

Welder Clothing SW-1239 - 1240 - 1241 Series

Significant property	Measuring unit	Requirement	Determination / Document No.
Basic health safety and ergonomics requirements	–	art. 4 ČSN EN ISO 13688/A1	passes
- comfort, ergonomics	–	art. 4 ČSN EN ISO 13688/A1 + Annex C art. 4 ČSN EN ISO 11611	passes / D6
- design		art. 4.3 ČSN EN ISO 13688/A1 art. 4 ČSN EN 11611 art. 4 ČSN EN ISO 11612	passes / D6

Table No. 6 - continues from the page 12: Results of evaluation of the product

Welder Clothing SW-1239 - 1240 - 1241 Series

Significant property	Measuring unit	Requirement	Determination / Document No.
- innocuousness	–	art. 4.2 ČSN EN ISO 13688/A1	passes / D1, D2, D3, D4
- pH of water extract basic material FR Split Leather Golden FR Split Leather Brown FR Cotton Fabric Blue	–	> 3,5 < 9,5	passes / D1, D2 3,70 3,60 4,20
- Chromium VI content basic material FR Split Leather Golden FR Split Leather Brown	mg/kg	< 3	passes / D1 < 3
Azo-dyes basic material FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	mg/kg	ČSN EN ISO 21420 art. 4.2 undetectable	pass / D1 not detected
Fat content basic material FR Split Leather Golden FR Split Leather Brown	%	art. 6.11 ČSN EN ISO 11611 < 15	passes / D1 4,49 4,48
Dimensional changes after washing and drying basic material FR Split Leather FR Cotton Fabric Blue	%	art. 5.3 ČSN EN ISO 13688 art. 6.4 ČSN EN ISO 11612 art. 6.6 ČSN EN ISO 11611 lengthwise / crosswise: max. ± 3	pass / D3 -0,4 / -0,2 +1,0 / -0,5
Sizes	–	art. 6 ČSN EN ISO 13688/A1	passes / D6
Marking	–	art. 7 ČSN EN ISO 13688/A1 art. 7 ČSN EN ISO 11611 art. 10 ČSN EN ISO 11612	passes / D6
Instructions for use	–	art. 8 ČSN EN ISO 13688/A1 art. 8 ČSN EN ISO 11611 art. 11 ČSN EN ISO 11612	passes / D6
Requirements of ČSN EN ISO 11611			
Tensile strength basic material FR Split Leather Golden FR Split Leather Brown FR Cotton Fabric Blue	N	art. 6.2 ČSN EN ISO 11611 lengthwise/crosswise ≥ 80 ≥ 80 ≥ 400	passes / D1 lengthwise/crosswise 427,0 194,3 1800,0 / 970,0
Tear strength basic material FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	N	art. 6.3 ČSN EN ISO 11611 lengthwise/crosswise Class 2 ≥ 20	passes / D1 lengthwise/crosswise 59 / 56 97 / 81 151 / 65

Table No. 6 - continues from the page 13: Results of evaluation of the product

Welder Clothing SW-1239 - 1240 - 1241 Series

Significant property	Measuring unit	Requirement	Determination / Document No.
Requirements of ČSN EN ISO 11611			
Seam strength basic material including seams FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	N	art. 6.5 ČSN EN ISO 11611 ≥ 225	passes / D1 630 690 820
Impact of spatter (small splashes of molten metal) basic material FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	Drops number	art. 6.8 ČSN EN ISO 11611 Class 1 min. 15 drops Class 2 min. 25 drops Class 2 min. 25 drops	passes / D1, D4 23 > 40 > 40
Electric resistance basic material FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	Ω	art. 6.10 ČSN EN ISO 11611 > 10 ⁵	passes / D1 1,4 x 10 ⁵ 1,3 x 10 ⁶ 1,7 x 10 ⁶
Radiant heat basic material, RHT124 FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	s	art. 6.9 ČSN EN ISO 11611 Class 2: ≥ 16,0	passes / D1 16,7 32,6 32,2
Limited flame spread - method A - basic material / basic material – seam / hardware FR Cotton Fabric Blue as received and after pre-treatment FR Split Leather Golden FR Split Leather Brown	–	art. 6.7.2 ČSN EN ISO 11611 code A1	passes / D1, D2, D7, D10, D11, D12, D13,
- burning characteristics	–	- no sample shall burn to the upper or other edge - no sample shall release flame or melt particles - no holes size 5 mm or bigger shall be burnt through in any sample - seams must stay unaffected and shall not be opened - no hardware shall release flame or melt particles, should be functional min. 5 minutes after testing	- the material does not burn, no holes were burnt through, no molten particles were released, - seams stayed unaffected - hardware was functional after testing
- spontaneous flaming time	s	≤ 2	0
- afterglow time	s	≤ 2	0



Table No. 6 - continues from the page 14: Results of evaluation of the product

Welder Clothing SW-1239 - 1240 - 1241 Series

Significant property	Measuring unit	Requirement	Determination / Document No.
Requirements of ČSN EN ISO 11612			
Heat resistance (180 °C) - behaviour during testing <i>basic material / hardware</i> FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	-	art. 6.2.1 ČSN EN ISO 11612 - materials or hardware shall not ignite or melt - hardware must be min. 5 minutes after the test at least once opened	pass / D1, D8, D9 - neither materials nor hardware did not ignite or melt - hardware stayed functional after testing
- shrinkage <i>basic material</i> FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	%	lengthwise / crosswise: ≤ 5	lengthwise / crosswise -0,3 / -0,6 -1,25 / -1,25 -2,88 / -3,10
Tensile strength <i>basic material</i> FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	N	art. 6.5.1 ČSN EN ISO 11612 lengthwise / crosswise: min. 300	pass / D1 lengthwise / crosswise 1800,0 / 970,0
		art. 6.5.1 ČSN EN ISO 11612 lengthwise / crosswise: min. 60	427,0 194,3
Tear strength <i>basic material</i> FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	N	art. 6.5.2 ČSN EN ISO 11612 lengthwise / crosswise: min. 10	pass / D1 lengthwise / crosswise 59 / 56 97 / 81 151 / 65
Seam strength <i>basic material with seam</i> FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	N	art. 6.5.4 ČSN EN ISO 11612 min. 225	pass / D1 630 690 820
Convective heat (HTI 24) <i>basic material</i> FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	s	art. 7.2 ČSN EN ISO 11612 Performance level B1: 4,0 ≤ HTI 24 < 10,0 Performance level B2: 10,0 ≤ HTI 24 < 20,0	pass / D1 8,0 12,1 12,5



Table No. 6 - continues from the page 15: Results of evaluation of the product

Welder Clothing SW-1239 - 1240 - 1241 Series

Significant property	Measuring unit	Requirement	Determination / Document No.
Requirements of ČSN EN ISO 11612			
Radiant heat (RHTI 24) <i>basic material</i> FR Cotton Fabric Blue FR Split Leather Golden FR Split Leather Brown	s	art. 7.3 ČSN EN ISO 11612 Performance level C1: 7,0 ≤ RHTI 24 < 20,0 Performance level C2: 20,0 ≤ RHTI 24 < 50,0	pass / D1 16,7 32,6 32,2
Limited flame spread – method A - <i>basic material / basic material – seam / hardware</i> FR Cotton Fabric Blue as received and after pre-treatment FR Split Leather Golden FR Split Leather Brown		art. 6.3.2 ČSN EN ISO 11612 code A1	pass / D1, D2, D7, D10, D11, D12, D13
- <i>burning behaviour</i>	-	- no sample shall burn to the upper or other edge - no specimen shall melt or give flaming or molten debris - no holes bigger than 5 mm shall be burnt through in any sample - seams must stay unaffected, seams shall not separate - hardware must not release flame or melt particles, hardware must be 5 minutes after testing at least once open	- the material does not burn, no holes were burnt through, no molten particles were released - seams stayed unaffected without separation - hardware does not release flame or melt particles, stayed functional after testing
- <i>spontaneous flaming time</i>	s	≤ 2	0
- <i>afterglow time</i>	s	≤ 2	0

The bases for the evaluations stated in Table No. 6 are test results specified in the following test reports:

- D1: Analysis Report 19.01666.01 issued by CENTEXBEL, Gent, Belgium, on 2019-05-29
- D2: Accredited Laboratory Test Report Ref. No. 723302669-01 issued by Institut pro testování a certifikaci, a.s. Zlín, Czech Republic, on 2019-04-25
- D3: Technical Report SPC0284183/1916 issued by SATRA Technology, Northamptonshire, UK, on 2024-03-13
- D4: Analysis Report 20.03974.01 issued by CENTEXBEL, Gent, Belgium, on 2020-08-18
- D5: Declaration about innocuousness issued by company PAK BENELUX SAFETY WEARS, Pakistan, on 2024-06-10
- D6: Record of assessment No. 723302669 issued by Institut pro testování a certifikaci, a.s. Zlín, Czech Republic on 2024-06-13
- D7: Analysis Report 23.04461.01 issued by CENTEXBEL, Gent, Belgium, on 2023-09-28



- D8 Test Report No. 09047-24 issued by Tti Testing Laboratories, Lahore, Pakistan on 2024-03-21
- D9 Test Report No. 07986-24 issued by Tti Testing Laboratories, Lahore, Pakistan on 2024-03-15
- D10 Accredited Laboratory Test Report Ref. No. 723302615-02 issued by Institut pro testování a certifikaci, a.s. Zlín, Czech Republic, on 2024-03-13
- D11 Analysis Report 21.05610.01 issued by CENTEXBEL, Gent, Belgium, on 2021-11-17
- D12 Analysis Report 19.01666.01 issued by CENTEXBEL, Gent, Belgium, on 2019-05-29
- D13 Test Report No. 28903-22 issued by Tti Testing Laboratories, Lahore, Pakistan on 2023-01-20

3.7 Assessment of product conformity with technical specifications and basic requirements

The assessed products - **Welder Clothing SW-1239 - 1240 - 1241 Series** - specified in Item 1 hereof – complies with the requirements set by the following technical standards with regard to its design and submitted documentation:

ČSN EN ISO 13688:2014/A1:2022 (EN ISO 13688:2013/A1:2021)

Protective clothing – General requirements

ČSN EN ISO 11611:2016 (EN ISO 11611:2015)

Protective clothing for use in welding and allied processes

ČSN EN ISO 11612:2015 (EN ISO 11612:2015)

Protective clothing – Clothing to protect against heat and flame – Minimum performance requirements

Results of the evaluation of the personal protective equipment stated in Table No. 6 hereof prove the conformity of all indicators specifying general basic requirements of Regulation (EU) 2016/425, additional basic requirements common for more types of PPE and additional basic requirements for special risks applicable to the evaluated type of product.

4. Conclusion

Notified Body NB 1023 performed EU Type-Examination of the personal protective equipment

Welder Clothing

SW-1239 - 1240 - 1241 Series.

Technical specifications used by the manufacturer are in compliance with basic requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

The sample of the personal protective equipment was produced in compliance with the technical documentation of the manufacturer and can be fully safely used for its intended purpose.

The sample of the personal protective equipment meets all the provisions of the Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

Notified Body NB 1023 decided to issue the EU Type-Examination Certificate with validity of 5 years.



5. List of documents used for the preparation of the Evaluation Report

- Application for the EU Type-Examination issued by company PAK BENELUX SAFETY WEARS, Pakistan, on 2024-05-02
- Technical documentation issued by company PAK BENELUX SAFETY WEARS, Pakistan, on 2024-06-10
- Check list issued by company PAK BENELUX SAFETY WEARS, Pakistan, on 2024-06-10
- Analysis Report 19.01666.01 issued by CENTEXBEL, Gent, Belgium, on 2019-05-29
- Accredited Laboratory Test Report Ref. No. 723302669-01 issued by Institut pro testování a certifikaci, a.s. Zlín, Czech Republic, on 2019-04-25
- Technical Report SPC0284183/1916 issued by SATRA Technology, Northamptonshire, UK, on 2024-03-13
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- COMPLETE RANGE OF
- Leather Gloves
 - Welding Garments
 - Workwears




PAK BENELUX


Safety Wears

Manufacturers & Exporters of Leather Gloves,
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