



Finnish Institute of  
Occupational Health

FIOH  
notified by the Ministry of Social Affairs and Health  
and identified under 0403 grants

# EC TYPE EXAMINATION CERTIFICATE

13048VBS01rev1

for protective clothing for users of hand-held chain saws,  
leg protector, design A, class 1 (20 m/s)  
as defined in EN 381-5:1995

**Security Bib Trousers**

**Univern U-4001**

Fennotex AG

Tübach, Switzerland

This product complies with Directive 89/686/EEC,  
as amended

Helsinki, 9 April 2014  
Expiry date: 8 April 2019

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## 1. Applicant

Fennotex AG  
Box 83  
Unterdorf 7  
CH-9327 Tübach  
Switzerland

## 2. Description and identification of the product

Type: Protective clothing for users of hand-held chain saws, leg protector, protective area design A and resistance to saw chain cutting class 1 (20 m/s) as defined in EN 381-5:1995

Name: Security Bib Trousers Univern U-4001

Description: Alternative glogging materials:

- 3 layers Stenmark PES/PA (Stenmark AB, Finland) and 1 layer Engtex 018 PET (Engtex AB, Sweden)
- 6 layers Engtex 041 PET (Engtex).

Shell fabric 1 is 100% PES, 210 g/m<sup>2</sup>; shell fabric 2 is 100% PES, 350 g/m<sup>2</sup> (Top Glory Ind. Ltd.)

Inner lining PES charmeuse, 85 g/m<sup>2</sup> (Top Glory).

Manufacturer: Top Glory Ind. Ltd, Hongkong

Representative: Univern AS, 2012 Skedsmokorset, Norway

Picture of the product is on page 3.

## 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. Product has been tested in accordance with a harmonized European standard EN 381-2:1995 by an accredited testing laboratory. The model of the product supplied by the applicant conforms to the technical documentation.

## 4. Compliance with basic health and safety requirements

The product and the technical documentation relating to it comply with the relevant basic health and safety requirements stated in Directive 89/686/EEC Annex II as amended.

Note: Any modification in design, materials, or in the technical documentation, carried out on this type examined product must be brought to the attention of FIOH.



Security Bib Trousers Univeru U-4001



Appendix 1. Technical documentation

End of EC type examination certificate 13048VBS01rev1.



**Technical documentation regarding EC type examination certificate 13048VBS01rev1**

Product name: Security Bib Trousers Univern U-4001

Applicant: Fennotex AG, Box 83, CH-9327 Tübach, Switzerland

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	2013-01-23 E-mail, 2014-04-08	
2. Product drawing, construction, and material list	Material list for Security trousers Univern, 2013-01-22 Sketch of the product Univern #U-4001 Product specification Art. U-4001, Febr 2008	Product is identified and materials are specified
3. Compliance with Directive 89/686/EEC relevant basic requirements	The compliance assessment is based on reports mentioned below items 3.1-3.5	
3.1 FIOH assessment of relevant Directive basic requirements	2014-04-09	The applied harmonised standards EN 340:2003 and EN 381-5:1995 support the relevant requirements
3.2 FIOH test report	10306T01, 2010-06-15 Waist trousers 29537E and Bib trousers 29537E (3 layers Stenmark + 1 layer Engtex 018)	Products meet the requirements of EN 381-5:1995, design A, class 1
3.3 FIOH test report	19076T01, 2012-03-13 Waist trousers BL702 6 layers Engtex 041	Products meet the requirements of EN 381-5:1995, design A, class 1
3.4 Draft information sheet	Draft user information, attached in the garment sample	Document meets the requirements of Directive 89/686/EEC, EN 340:2003 and EN 381-5:1995
3.5 Product markings	Drafts of marking, attached in the garment sample	Marking meets the requirements of EN 340:2003 and EN 381-5:1995
4. Description of the production quality system and related product control and test facilities	Brief description of our production control (as in 99052S01)	Adequate for category II products