



Finnish Institute of  
Occupational Health

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

# EC TYPE EXAMINATION CERTIFICATE

12054LPS01

for Protective Clothing for Users of Hand-held Chain Saws  
Chainsaw Protective Gloves against mechanical risks  
as defined in EN 381-7:1999,  
class 0 (16 m/s) or 1 (20 m/s), design A,  
and EN 388:2003, levels 3 1 2 2  
**Chain-saw Protective Glove**  
**Chain-X**

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

Helsinki, 20 February 2012

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This certificate comprises 3 pages and an appendix.

Finnish Institute of Occupational Health, Notified Body No. 0403,  
Topeliuksenkatu 41 b, FI-00250 Helsinki, Finland



## 1. Applicant

## 2. Description and identification of the product

- Type: Protective clothing for users of hand-held chain saws. Chainsaw protective gloves against mechanical risks as defined in EN 381-7:1999 and EN 388:2003
- Protection against chainsaw cutting class 0 (16 m/s) or class 1 (20 m/s), design A  
Protective levels EN 388: 3 1 2 2
- Name: Chain-saw Protective Glove Style Chain-X
- Size range: 8, 9, 10, 12
- Description: 5-fingered glove with protective material in the left glove.  
Palm is made of Napa leather with a thickness of 1,0 to 1,1 mm, back of nylon fabric.  
Knit wrist made of PES/CO. Protective layer of polyamide with cotton liner.
- Manufacturer:



Picture of the product

## 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. The product has been tested in accordance with European harmonized standards EN 381-4:1999 and EN 388:2003 by accredited testing laboratories. The model of the products 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, last amended by 96/58/EC.

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.

Appendix 1. Technical documentation

End of EC type examination certificate 12054LPS01.



## Technical documentation regarding EC type examination certificate 12054LPS01

Product name: Chain-saw Protective Glove Style Chain-X

Applicant:

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	2012-02-17	
2. Product drawing, construction, and material list	Photo of the product Material list	Product is identified and the 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	2012-02-20	The applied standards EN 420:2003, EN 388:2003 and EN 381-7:1999 support the relevant requirements of the directive
3.2 CTC test report	No. 1101-265/1, 2011-01-12 No. 1103-3525/1, 2011-03-23 Glove 786 (Chain-X, the same palm material)	Glove meets the requirements of EN 420:2003 for innocuousness (Chromium IV, pH-value, Azo-dyes) and the requirements of EN 388:2003, performance levels 3122
3.3 FIOH test report	23268T01, 2003-11-27 (Class 0) 24363T01, 2004-11-08 (Class 1) Chain 304 (Chain-X, the same structure and padding material)	Product meets the requirements of EN 381-7:1999 for protection against chainsaw cutting, class 1 (16 m/s) or class 1 (20 m/s)
3.4 Draft information sheet	User information sheets (for class 0 and class 1)	Documents meet the requirements of the directive, EN 420:2003, EN 388:2003 and EN 381-7:1999
3.5 Product markings	Drafts of marking in left hand glove and in right hand glove	Markings meet the requirements of EN 420:2003, EN 388:2003 and EN 381-7:1999
4. Description of the production quality system and related product control and test facilities	Overview of production & product control, 2003-07-25	Adequate for category II products