



## ANNEX

### CE TYPE EXAMINATION CERTIFICATE Nr. 046/2015/1079

#### 1. Application

Granqvists Sportartiklar ab  
Hynboholm 342  
655 91 Karlstad  
Sweden

#### 2. Description

EN 659



#### 3. Materials and accessories

##### Lining

- J382 para-aramid knit liner

##### Leather

- Cow grain leather WR/FR

##### Gloves

- B0914



#### 4. Technical documentation

##### Summary test results

EN 420+A1:2009 Lining **J382 para-aramid knit liner**

Method	Description	Result	Class
EN 1413	pH - textile	PASS	
EN 14362-1	AZO dyes for colored gloves	PASS	

EN 659:2003+A1 Lining **J382 para-aramid knit liner**

Method	Description	Result	Class
ISO 17493 180°C	thermal resistance	PASS	
ISO 17493 180°C	thermal resistance	PASS	

EN 420+A1:2009 Leather **Cow grain leather WR/FR**

Method	Description	Result	Class
EN ISO 4045	pH - leather	PASS	
EN ISO 17075:2007	Chromium determination	PASS	
§64 LFG-B B 82.02-3 (v) leather	AZO dyes for colored gloves	PASS	

EN 420+A1:2009 Gloves **B0914**

Method	Description	Result	Class
EN 1413	pH - textile	PASS	
EN 14362-1	AZO dyes for colored gloves	PASS	
EN 420 length	length	PASS	
EN 420 dexterity	Dexterity	PASS	level 4

EN 659:2003+A1 Gloves **B0914**

Method	Description	Result	Class
EN 407	burning behaviour	PASS	
EN 367	convection heat	PASS	
EN ISO 6942	radiant heat	PASS	

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EN 702 250°C	contact heat	PASS	
ISO 17493	heat shrink	PASS	
EN 420 dexterity	dexterity	PASS	level 4
EN ISO 13935-2	seam strenght	PASS	
EN 420 size	size	PASS	
EN 388 6.1	abrasion	PASS	
EN388 6.2	cut resistance	PASS	level 3
EN388 6.3	tear resistance	PASS	
EN388 6.4	puncture resistance	PASS	level 3
EN659 3.15	removal of the gloves	PASS	
EN20811	resistance to water penetration (optional)	/	/
ISO 15383	whole glove integrity test	PASS	
EN ISO 6530	resistance to liquid chemical penetration	PASS	
EN388 6.4	puncture resistance	PASS	
EN388 6.2	cut resistance	PASS	level 2
EN ISO 6530	resistance to liquid chemical penetration	PASS	
EN ISO 6942	radiant heat	PASS	
EN 367	convection heat	PASS	
EN 702 250°C	contact heat	PASS	
EN388 6.3	tear resistance	PASS	level 3
EN 388 6.1	abrasion	PASS	level 3
ISO 17493	heat shrink	PASS	

## Description/Picture of article



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D



The above picture is a general picture of the article. Possible variations of the above article can be present in the technical file.

Note :

Any modification in material, design, or other technical features must be brought to the attention of the Notified Body.