



In application of the Directive ref. 89/686/EEC of the 21st of December 1989, concerning the alignment of member state legislation relating to personal protective equipment and the decrees n° 92-765, 766 and 768 of 29th of July 1992 concerning the transposition of this Directive into French law,

CTC

Authorized by decree of the Ministry of Work, Employment and Health of the 20th of December 2010,

Identified by the number 0075, published in the Official Journal of the European Community, delivers:

EC-TYPE EXAMINATION CERTIFICATE  
N°0075/573/161/09/13/1033 – EXT 15/11/16

to the following model of personal protective equipment:

- Safety footwear for professional use,
- Reference: **900118 ORION**
- Manufacturer:  
**IRONSTEEL WORLDWIDE LTD  
UNIT 1601, 16/F, APEC PLAZA  
49 HOI YUEN ROAD  
KWUN TONG, KOWLOON  
HONG KONG**
- Distributor:  
**SYNFIBER AS  
Professor Birkelandsvei 35  
P.O Box 12, Leirdal  
N1008 OSLO  
NORWAY**

Description of the safety footwear model, reference of essential requirements or technical rules verified in the context of the CE type approval examination, information indicated on the product, are detailed on pages numbered 2, 3 and 4 of this CE type approval certificate.

Drawn up in Lyon, on November 16<sup>th</sup>, 2016

Issued by Lionel GAUDILLERE



*Any modification to new items of the personal protective equipment object of this CE type examination certificate or any modification of the information contained in the manufacturer technical file which served for the deliverance of the CE type approval certificate (change of address, change of company status) should be brought to the attention of the notified body in accordance with law n° R. 4313-38 of the French Code of Work.*

This certificate contains 4 pages numbered in the following way 1/4, 2/4, 3/4 and 4/4

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## 1. DESCRIPTION OF THE SAFETY FOOTWEAR

according to the technical file of the model **900118 ORION** dated November 16th, 2016.

- safety footwear for professional use
- designed in accordance to the standard **EN ISO 20345:2011**
- design: C Half knee boot – classification **I** ( leather and other materials)
- range of sizes: **from 36 to 48**
- construction: **cement**
- sketches: and/or photographs of the model are reported below:



## **2. LEVELS AND CLASSES OF PROTECTION**

*Compliance with the essential requirements of the Directive 89/686/EEC has been verified by using following technical rules:*

- European standard **EN ISO 20344:2011**, "Personal protective equipment – test methods for footwear"
- European standard **EN ISO 20345:2011** "Personal protective equipment – safety footwear"
- At the date of certificat, the product is in compliance with Annex XVII of REACH regulation (n° 1907/2006 and revisions).

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The safety footwear reference **900118 ORION** was designed to meet the following requirements:

1. **Basic requirements listed in the tables 2 and 3 of the European standard EN ISO 20345:2011.**
2. Requirement of the standard **EN ISO 20345:2011** concerning the value of the coefficient of friction of ceramic tiles floor with detergent solution and steel floor with glycerol (**SRC**)
3. Additional requirements, listed below, from table 18 of the European standard **EN ISO 20345:2011**:
  - *Closed seat area*
  - *Energy absorption of seat region*
  - *Resistance to fuel oil*
  - *Penetration resistance*
  - *Water penetration and absorption*
  - *Resistance to hot contact*
  - *Water resistance*
  - *Cold Insulation of sole complex*
4. Requirements of § **5.8.1** of standard **EN ISO 20345:2011**:
  - Cleated outsole
  - Non-cleated outsole

References of reports containing the satisfactory results of the laboratory tests, performed in order to verify the levels and classes of protection of this safety footwear model, are given hereunder:

CTC D120403359_1	CTC D160607636_1	ITS GZHT90569650(S1)
CTC D121008874_1	CTC D160708795_1	ITS GZHT90577819
CTC D130707807_1	CTC D161014365_1	ITS GZHT90580079
CTC D130809472_1	CTC D161014769_1	ITS GZHT90598943
CTC D130910026_1	ITS GZHT90373962	ITS GZHT90599246
CTC D140910923_1	ITS GZHT90484798	ITS GZHT90617456
CTC D140910924_1	ITS GZHT90493506	ITS GZHT90620090
CTC D141012236_1	ITS GZHT90493920	ITS GZHT90634474
CTC D141113524_1	ITS GZHT90547607	ITS GZHT90656440
CTC D150606126_1	ITS GZHT90551186	CIMAC RP 2015/1393-1-RP-1
CTC D160607634_1	ITS GZHT90556744	CIMAC RP 2016/0775-1-RP-1

### **3. MARKING ON THE PRODUCT**

***Each foot of the safety footwear is clearly and permanently marked with as following:***

- logo of the distributor : **SYNFIBER**
- **CE** marking
- Reference : **900118 ORION**
- Size
- Standard symbol : **EN ISO 20345:2011** and **SBP SRC R HRO FO WR CI**
- Month and year of manufacture

<b>SYNFIBER</b>	
Size: <b>41/7</b>	
Art no.: <b>900118</b>	
<b>ORION</b>	
<b>EN ISO 20345:2011</b>	
<b>SBP SRC E HRO FO WR CI</b>	
Production: <b>NOV 16</b>	
<a href="http://www.Synfiber.no">www.Synfiber.no</a>	