



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°  
N° 0075/573/161/03/11/0149 - EXT 19/08/14**

to the following model of personal protective equipment :

- Safety footwear for professional use,
- Reference : **900102**
- Manufacturer :

**IRONSTEEL WORLDWIDE LTD  
UNIT 1601, 16/F 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 August 18<sup>th</sup>, 2014  
Update 01 on November 18<sup>th</sup>, 2016

Issued by : **Lionel GAUDILLERE**



*NOTA: Any modification to new items of the personal protective equipment object of this CE type approval 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 adress, 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, 4/4**

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## 1. DESCRIPTION OF THE SAFETY FOOTWEAR

according to the technical file of the model **900102**, dated November 18<sup>th</sup>, 2016.

- safety footwear for professional use
- designed in accordance to the standard **EN ISO 20345 : 2011**
- design : A Low Shoe - classification I ( leather and other materials)
- range of sizes : **from 36 to 47**
- 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 certificate the product is in compliance with Annex XVII of REACH regulation (n° 1907/2006 and revisions)

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**The safety footwear reference 900102 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*
  - *Antistatic properties*
  - *Energy absorption of seat region*
  - *Resistance to fuel oil*
  - *Resistance to hot contact*
4. Requirement 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	D160100381_1
CTC	D120605837_1	CTC	D160608159_1
CTC	D121008874_1	CTC	D160710063_1
CTC	D130302245_1	ITS	GZHT90456627
CTC	D131114665_1	ITS	GZHT90495551
CTC	D140302415_1	ITS	GZHT90495564
CTC	D140403298_1	ITS	GZHT90525539
CTC	D140505432_1	ITS	GZHT90547607
CTC	D140505820_1	ITS	GZHT90556744
CTC	D150606126_1	ITS	GZHT90569650(S1)
CTC	D150910182_1	ITS	GZHT90635371
CTC	D151011565_1		

### 3. MARKING ON THE PRODUCT

Logo – commercial brand: **SYNFIBER**

- **CE** marking
- Reference: **900102**
- Size
- Month and year of manufacture
- Standards symbols: **EN ISO 20345:2011** and **S1 E HRO SRC**

Marking example:

SYNFIBER	
Size: 41/7	
Art no.: 900102	S1 SRC E HRO
EN ISO 20345:2011	
Production: NOV 16	
<a href="http://www.Synfiber.no">www.Synfiber.no</a>	