



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°0075/573/161/12/15/1203 EXT 01/08/16**

to the following model of personal protective equipment:

- safety footwear for professional use,
- reference: **900116 TITAN**
- 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 August 18th, 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 **900116 TITAN** dated August 18th, 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 38 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 certificate the product is in compliance with Annex XVII of European REACH regulation (n° 1907/2006 and revisions).

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The safety footwear reference **900116 TITAN** 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 sodium Lauryl sulphate solution and steel floor with glycerol **(SRC)**
3. Additional requirements, listed below, from table 18 of the European standard **EN ISO 20345:2011**:
 - *Penetration resistance (P)*
 - *Energy absorption of seat region (E)*
 - *Fuel Oil Resistance (FO)*
 - *Resistance to hot contact (HRO)*
 - *Water resistance (WR)*
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	D120403072_1	CTC	L160712656_1
CTC	D120403359_1	ITS	GZHT90318660
CTC	D130302245_1	ITS	GZHT90484798
CTC	D131114665_1	ITS	GZHT90547607
CTC	D150606126_1	ITS	GZHT90556744
CTC	D150809017_1	ITS	GZHT90569650(S1)
CTC	D150910181_1	ITS	GZHT90598943
CTC	D150910254_1	ITS	GZHT90616112
CTC	D160607634_1	ITS	GZHT90617456
CTC	D160607636_1	ITS	GZHT90634474
CTC	D160608133_1	CIMAC	RP 2015/1393-1-RP-1
CTC	D160708795_1	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 : **900116 TITAN**
- size
- Standard symbol : **EN ISO 20345:2011** and **SBP E FO HRO WR SRC**
- Month and year of manufacture

Marking example

	SYNFIBER	
Size:	41/7	
Art no.:	900116	
	EN ISO 20345 : 2011	
	SBP SRC E HRO FO WR	
	Production Jul 16	
	www.Synfiber.no	