

## CERTIFICATE OF EU TYPE-EXAMINATION

The **Centre for Technology and Innovation (INESCOP)**, a Notified Body with registry number 0160, under Regulation (EU) 2016/425 of 9<sup>th</sup> March 2016, **certifies** that the following personal protective equipment:

### *Safety footwear for professional use*

**model:** *MK-7A Safety*

**applicant:** *Dunlop Protective Footwear*  
*P.O. BOX, 1*  
*8100 AA Raalte*  
*The Netherlands*

has been subjected to examination by this Notified Body, and it has been checked that it complies with the essential requirements of the Regulation and the applicable requirements to PPE category II according to the Standard **EN ISO 20345:2011** for the level of protection **S5+SRC+CI+CR**.

Elda, 03<sup>rd</sup> March 2021. Valid till 03<sup>rd</sup> March 2026

Ana Torró Palau  
Head of Certification



Certificate  
No. 0160 0313 21

This certificate is  
complemented by the  
technical annex bearing  
the same number.

**Certificate of EU type-examination no. 0160 0313 21**

## 1.- DESCRIPTION OF THE MODEL

In accordance with the manufacturer's technical file, the model "MK-7A Safety" match the following features:

- Knee-height boot Safety for professional use
- Conceived in accordance with the Standard EN ISO 20345:2011
- Classification II
- Manufactured sizes: from 35 to 48
- The external appearance of the model is shown in the following photographs:



**Certificate of EU type-examination no. 0160 0313 21****2.- DESCRIPTION OF THE COMPONENTS**

Components subject to control according to EN ISO 20344:2011

- Upper: Polyurethane.
- Collar: Not applicable.
- Lining: Not applicable.
- Tongue: Not applicable.
- Insock: Whole, moulded and removable, made of grey fabric on black cellular material with stitching in forepart.
- Insole: Not applicable.
- Outsole: Polyurethane.
- Toe-cap: Coated steel.
- Penetration resistant insert: Coated steel.

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## 3.- LEVEL OF PROTECTION

Applicable technical standards

- Harmonised Standard EN ISO 20344:2011 "Personal protective equipment - Test methods for footwear".
- European Standard EN ISO 20345:2011 "Personal protective equipment - Safety footwear".

Verified properties

The boots "MK-7A Safety" has met:

1. All the basic requirements specified in tables 2 and 3 of the Standard EN ISO 20345:2011
2. The additional requirements included in table 18 of the Standard EN ISO 20345:2011, which are stated below:
  - Closed seat region
  - Penetration resistance
  - Electrical resistance (antistatic)
  - Energy absorption in the seat region
  - Cleated outsole
  - Cold insulation
  - Cut protection
  - Outsole resistance to fuel-oil

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Verified properties (cont.)

The verification of compliance with the applicable technical standards is recorded in the following technical reports:

TEST	REPORT No.
<b>General Requirements</b>	
<b>Whole footwear</b>	
Height of upper	C-21011055
Upper/outsole bond strength	C-21011056
Internal length of toe-cap	C-21011055
Toe-cap flange width	C-21011055
Toe-cap covering	C-21011055
Impact resistance	C-21011055
Compression resistance	C-21011055
Corrosion resistance	C-21011055
Leakproofness	C-21011055
Specific ergonomic features	C-21011055
Slip resistance	C-21011055
<b>Upper</b>	
Thickness	C-21011056
Tensile strength	C-21011056
Flexing resistance	C-21011055
Hydrolysis	C-21011055
<b>Outsole</b>	
Thickness	C-21011055
Cleated area	C-21011055
Cleat height	C-21011055
Tear strength	C-21011056
Abrasion resistance	C-21011056
Flex resistance	C-21011055
Hydrolysis	C-21011056

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TEST	REPORT No.
<b>Additional requirements</b>	
<b>Whole footwear</b>	
Penetration resistance	C-21011055
Dimensional conformity of penetration resistant insert	C-21011055
Flex resistance of the penetration resistant insert	C-21011055
Corrosion resistance	C-21011055
Electrical resistance	C-21011055
Cold insulation	C-21011055
Energy absorption of seat region	C-21011055
<b>Upper</b>	
Cut protection	C-21011055
<b>Outsole</b>	
Resistance to fuel-oil	C-21011056

4.- MARKING ON THE PRODUCT

According to the properties verified in the examination of the model, each item of footwear shall be marked with the following information:

- CE Marking (under article 30 of Regulation (EC) 765/2008)
- Size
- Manufacturer's identification mark
- Address
- Model reference
- Batch or serial number

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- Date of manufacture (month and year)
- European Standard Code EN ISO 20345:2011
- Symbols corresponding to the class of protection provided (S5+SRC+CI+CR)

This information shall be clearly and permanently marked in accordance with the criteria established in the applicable directives and technical standards.

**5.- VALIDITY OF THE CERTIFICATE**

The certificate of EU type-examination will only be valid as original document and as long as the conditions under which it has been issued are not altered. It shall be reproduced with no changes.

This notified body shall be informed of any alteration to the components or the information contained in the technical file.