

Documentation No. RENA/LABOR

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# Technical File to comply with the requirements of the Personal Protective Equipment Regulation (EU) 2016/425

**SAFETY FOOTWEAR  
EN ISO 20345:2011**

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## **Section 1. Application for Certification of PPE**

Manufacturer Information	
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Factory Information (If different from Application)	
Name	HONGGUAN SHOE FACTORY(S/94092)
Address	HUADONG SHOES ZONE,MISHUI STREET,GAOMI,SHANGDONG
Contact(s)	WINNE
Position	Sales
Telephone Number	15095231616
Fax Number	
Email address	HGshoes01@163.com

## Section 2. Product Specifications

Styles	RENA	LABOR
Product Type	Low Shoe	Ankle Boot
Size(s) range	EU #35-47	EU #35-47
Construction	Cemented	Cemented
Classification	Class I	Class I
Closure System	Lace Up	Lace Up
Toe cap	Steel Toe	Steel Toe
Insert Plate	Steel Plate	Steel Plate
Sole	Black Rubber	Black Rubber
Upper	Black Embossed Split Cow Leather	Black Embossed Split Cow Leather
Vamp Lining	White Polyester Non-woven fabric	White Polyester Non-woven fabric
Quarter Lining	Grey Polyester Mesh	Grey Polyester Mesh
Counter Lining	Grey Polyester Mesh	Grey Polyester Mesh
Tongue	Black PU	Black PU
Collar	Black PU	Black PU
Lace	Black/Grey Polyester	Black/Grey Polyester
Eyelet	Black Metallic D-ring	Black Metallic D-ring
Sewing Thread	Grey Polyester	Grey Polyester
Insole	Polyester Non-Woven Insole Board	Polyester Non-Woven Insole Board
Insock 1	Black Polyester BK Mesh + SJHBRID(EVA)	Black Polyester BK Mesh + SJHBRID(EVA)
Insock 2	Black Polyester SJ BK Mesh + SJFOAM(PU)	Black Polyester SJ BK Mesh + SJFOAM(PU)
Protection category	S3 SRC HRO	S3 SRC HRO
Photograph(s) footwear		

## Supplier Information

Parts	Components	Supplier
Outsole	Black Rubber	Gaomi debao sole co., ltd
Toe cap	Steel Toe	Qingdao jinlingqiang protective equipment ltd
Insert Plate	Steel Plate	Qingdao jinlingqiang protective equipment ltd
Upper	Black Embossed Split Cow Leather	Wujixian haichang leather products co., ltd
Vamp Lining	White Polyester Non-woven fabric	Gaomi zhaoshi shoe materials co., ltd
Quarter Lining	Grey Polyester Mesh	Gaomi zhaoshi shoe materials co., ltd
Counter Lining	Grey Polyester Mesh	Gaomi zhaoshi shoe materials co., ltd
Lace	Black/Grey Polyester	Gaomi yicheng shoe materials co.,
Eyelet	Black Metallic D-ring	Putian yisheng shoe materials co., ltd
Tongue	Black PU	Gaomi xingda shoe materials co., ltd
Collar	Black PU	Gaomi xingda shoe materials co., ltd
Sewing Thread	Grey Polyester	Gaomi dawei thread co.,
Insole	Polyester Non-Woven Insole Board	Enping YIMA enterprise CO.,LTD
In-sock 1	Black Polyester BK Mesh + SJHBRID(EVA)	DONGGUAN QIYUAN SPORTS TECHNOLOGY CO.,LTD
In-sock 2	Black Polyester Mesh + SJFOAM(PU)	Guangzhou kaitai shoe material co.,LTD

**Section 3. Risk Assessment**

**Intend use of this PPE**

Construction field

**This product is designed to protective against the risks**

<b>Risk</b>	<b>Standard Clause (EN ISO 20345:2011)</b>	<b>Testing to</b>
Toe Impact	5.3.2.3	200 J
Toe Compression	5.3.2.4	15000 N
Outsole Penetration	6.2.1	1100 N
Outsole Slip	5.3.5	SRC
Anti-static	6.2.2.2	Range of 100 k $\Omega$ to 1000 m $\Omega$
Heel Energy absorption	6.2.4	20J

## Section 4. Quality Control Procedure for Production Monitoring

### Sequence of Manufacture

No.	Manufacture Description	Process
1	Upper Stitching	Cutting the material per design requirement and stitching. QC to make sure there is no broken needle
2	Lasting	Fix the upper to the last
3	Cemented	Bond the upper and outsole together, QC check the bonding, Impaction resistance, compression resistance, penetration resistance will be carried out, the sample is getting random form the production line. If any failure is found, stop the production line unless the product has been adjusted.
4	Packing	100% quality check and on the packing line. Make sure the User's information will be inside the shoes box.

### Quality Control

#### 1. Material Testing

- We require our supplier to submit a within 2 years old report which are from CNAS accredited or equal labs when we are buying the material.
- We request the all materials supplier provide us the test reports and innocuousness declaration that the material comply with the EN ISO 20345:2011, 5.3.6 specially the pH value & Azo dyes etc.
- For maintain the quality on material we will request the supplier to test every batch of material in accordance with EN ISO 20345:2011.
- For Toe caps & Insert Plate which provide critical protection factor material, factory will has strict quality control according to EN 12568 as following:

Test Item	Frequency	Quantity	Test Authority
Impact resistance	1 in 1000	1 pair	Own lab
Compression resistance	1 in 1000	1 pair	
Penetration Resistance (if applicable)	1 in 1000	1 pair	

In the event of failure:

- Test 3 pairs across the size range of the group and the result should be all pass.
- If the results fail, the batch of the raw materials will be rejected.

#### 2. Completed shoes/boots testing (Ongoing & pre-shipment)

- We require below tests for completed shoe:

Test Item	EN ISO 20345:2011	Frequency	Quantity	Test Authority
Impact resistance	5.3.2.3	1 in 1000	1 pair	Own lab
Compression resistance	5.3.2.4	1 in 1000	1 pair	
Penetration Resistance (if applicable)	6.2.1	1 in 1000	1 pair	
Electrical Properties (if applicable)	6.2.2	1 in 1000	1 pair	

In the event of failure:

- Test 3 pairs across the size range of the group and the result should be all pass.

- b) If the results fail, cease the production immediately and take corrective action. The production will be restarted until 3 pairs across the size range have been tested satisfactorily.

3. Test program for certified footwear

- A full clause of EN ISO 20345 will be carried out on size 42# every two years.
- Functional tests schedule (critical items):

Test Item	EN ISO 20345:2011	Frequency	Quantity	Test Authority
Impact resistance	5.3.2.3	1 in 15,000	1 pair	external independent UKAS accredited test house (or equivalent)
Compression resistance	5.3.2.4	1 in 15,000	1 pair	
Penetration Resistance (if applicable)	6.2.1	1 in 15,000	1 pair	
Electrical Properties (if applicable)	6.2.2	1 in 15,000	1 pair	

In the event of failure:

- a) Change the sampling frequency to 1 pair in 3,000.
- b) Test 3 pairs across the size range of the group and the result should be all pass.
- c) If the results fail, cease the production immediately and take corrective action. The production will be restarted until 3 pairs across the size range have been tested satisfactorily.
- d) After 5 consecutive passes of the product group over 15,000 pairs, the sampling frequency will revert to the original 1 in 15,000.

## **Section 5. Essential Health and Safety Requirements**

Essential Health and Safety Requirements of Regulation (EU) 2016/425, Annex II	Clause of EN ISO 20345:2011 / Section of this Technical File
1. General requirements applicable to all PPE (PPE must provide adequate protection against the risks against which it is intended to protect)	See section 6, Manufacturer`s Instructions and Information
1.1. Design principles	
1.1.1. Ergonomics	5.3.4
1.1.2. Levels and classes of protection	See section 2, Product Specifications
1.1.2.1. Optimum level of protection possible	5.3.4
1.1.2.2. Classes of protection appropriate to different levels of risk	See section 2, Product Specifications
1.2. Innocuousness of PPE	5.3.6
1.2.1. Absence of inherent risk and other nuisance factors	5.3.2.2 ; 5.4.8 ; 5.8.5 ; 6.2.1.2 ; 6.2.1.3 ; 6.2.5 ; 6.3.1
1.2.1.1. Suitable constituent materials	5.4.7; 5.4.9; 5.5.4; 5.5.5; 5.6.2; 5.6.3; 5.7.2; 5.7.5
1.2.1.2. Satisfactory surface conditions of all PPE parts in contact with the User	5.3.4
1.2.1.3. Maximum permissible user impediment	5.3.4
1.3. Comfort and effectiveness	
1.3.1. Adaptation of PPE to user morphology	See section 2, Product Specifications
1.3.2. Lightness and design strength	5.3.1.2; 5.3.2.5.1; 5.3.2.5.2; 5.4.3, 5.4.4, 5.4.5, 5.5.1, 5.5.2, 5.6.1; 5.7.4; 5.8.2, 5.8.3, 5.8.4, 5.8.6, 6.2.1.4; 6.2.1.5.1; 6.4.1; 6.4.2
1.3.3. Compatibility of different classes or types of PPE designed for simultaneous use	N/A
1.3.4. Protective clothing containing removable protectors	N/A
1.4. Manufacturer`s instructions and information	See section 6, Manufacturer`s Instructions and Information
2. Additional Requirements Common to Several Types of PPE	
2.1. PPE incorporating adjustment systems	See section 2, Product Specifications
2.2. PPE enclosing the parts of the body to be protected	5.4.6, 5.5.3
2.3. PPE for the face, eyes and respiratory system	N/A
2.4. PPE subject to ageing	5.3.2.5, 5.4.8, 5.8.8, 5.8.7, 6.4.4
2.5. PPE which may be caught up during use	N/A
2.6. PPE for use in potentially explosive atmospheres	6.2.2.1, 6.2.2.2
2.7. PPE intended for rapid intervention or to be put on or removed rapidly	N/A
2.8. PPE for intervention in very dangerous situations	N/A
2.9. PPE incorporating components which can be adjusted or removed by the user	N/A
2.10. PPE for connection to complementary equipment external to the PPE	N/A
2.11. PPE incorporating a fluid circulating system	N/A
2.12. PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	6.1 Table 14
2.13. PPE capable of signalling the user`s presence visually	N/A
2.14. 'Multi-risk' PPE	N/A
3. Additional Requirements Specific to Particular Risks	
3.1. Protecting against mechanical impact	N/A
3.1.1. Impact caused by falling or ejected objects and collision of parts of the body with an obstacle	5.3.2.3, 6.2.4, 6.2.6, 6.2.7
3.1.2. Falls	
3.1.2.1. Prevention of falls due to slipping	5.3.5, 6.4.1, 6.4.3
3.1.2.2. Prevention of falls from a height	N/A
3.1.3. Mechanical vibration	N/A
3.2. Protection against static compression of a part of the body	5.3.2.4



Essential Health and Safety Requirements of Regulation (EU) 2016/425, Annex II	Clause of EN ISO 20345:2011 / Section of this Technical File
3.3. Protection against mechanical injuries (abrasion, perforation cuts, bites)	6.2.1.1; 6.2.1.5.2; 6.2.8
3.4. Protection in liquids	
3.4.1. Prevention of drowning	N/A
3.4.2. Buoyancy aids	
3.5. Protection against the harmful effects of noise	N/A
3.6. Protection against heat and/or fire	6.2.3.1
3.6.1. PPE constituent materials and other components	
3.6.2. Complete PPE ready for use	
3.7. Protection against cold	6.2.3.2
3.7.1. PPE constituent materials and other components	
3.7.2. Complete PPE ready for use	
3.8. Protection against electric shock	6.2.2.3
3.8.1. Insulating equipment	
3.8.2. Conductive equipment	
3.9. Radiation protection	N/A
3.9.1. Non-ionising radiation	
3.9.2. Ionising radiation	
3.9.2.1. Protection against external radioactive contamination	
3.9.2.2. Protection against external irradiation	
3.10. Protection against substances and mixtures which are hazardous to health and against harmful biological agents	N/A
3.10.1. Respiratory protection	
3.10.2. Protection against cutaneous and ocular contact	
3.11. Diving equipment	N/A

## Section 6. Manufacturer`s Instructions and Information

### Manufacturer`s Instructions and Information

#### Information of Manufacturer and EU- Type Examination Notified Body

Manufacturer: CORTINA NV  
Address: Meersbloem-Melden 42, B-9700 Oudenaarde, Belgium  
Tel: +32 55 33 57 05  
Email: peter.demezure@moza-x.com

The EU declaration of conformity can be accessed via:

<http://dw.safetyjogger.com/?dir=certificates/>

Notified Body: SGS Fimko Oy  
Notified Body No. 0598  
Address: Takomotie 8, FI-00380 Helsinki, Finland

#### Protection of product

- Safety footwear complies with the EU Regulation for Personal Protective Equipment (EU) 2016/425 and meets the requirements of the European Standard EN ISO 20345:2011.
- The footwear protects the wearer's toes against risk of injury from falling objects and crushing when worn in industrial and commercial environments where potential hazards occur with the following protection plus, where applicable, additional protection.

Impact protection provided is 200 J  
Compression protection provided is 15,000 N

- This footwear provides impact protection for the toes and any additional protection is shown with the special symbol on the product which is explained below.

Category	Type of Footwear	Additional Requirement
SB	I* & II**	Safety basic requirements
S1	I	Closed seat region Antistatic properties Energy absorption at the seat region Resistance to fuel oil
S2	I	As S1 plus Water penetration and absorption of the upper
S3	I	As S2 plus Penetration resistance Cleated outsole
S4	II	Closed seat region Antistatic properties Energy absorption at the seat region Resistance to fuel oil
S5	II	As S4 plus Penetration resistance Cleated outsole
*Type I footwear is made from leather and other materials excluding all-rubber or all-polymeric footwear		
** Type II All –rubber (i.e. entirely vulcanized) or all-polymeric (i.e. entirely moulded) footwear		
SBH	Hybrid footwear	

## Slip Resistance

Marking of product for slip resistance properties	Symbol
Ceramic tile with sodium lauryl sulphate	SRA
Steel with glycerol	SRB
Ceramic tile with sodium lauryl sulphate & Steel with glycerol	SRC

NOTE One the of three slip resistance requirements shall be met.

## Additional Protection

Protection		Symbol
Whole footwear	Penetration resistance (1100 N)	<b>P</b>
	Electrical properties:	
	Conductive (Max 100 k $\Omega$ )	<b>C</b>
	Antistatic (Range of 100 k $\Omega$ to 1000 m $\Omega$ )	<b>A</b>
	Resistance to inimical environments:	
	Insulation against heat	<b>HI</b>
	Insulation against cold	<b>CI</b>
	Energy absorption of seat region (20 J)	<b>E</b>
	Water resistance	<b>WR</b>
	Metatarsal protection	<b>M</b>
	Ankle protection	<b>AN</b>
Upper	Cut resistant upper	<b>CR</b>
Upper	Water penetration and water absorption	<b>WRU</b>
Outsole	Resistance to hot contact	<b>HRO</b>
	Resistance to fuel oil	<b>FO</b>

- “The penetration resistance of this footwear has been measured in the laboratory using a truncated nail of diameter 4,5 mm and a force of 1100 N. Higher forces or nails of smaller diameter will increase the risk of penetration occurring. In such circumstances alternative, preventative measures should be considered

Two generic types of penetration resistant insert are currently available in PPE footwear. These are metal types and those from non-metal materials. Both types meet the minimum requirements for penetration resistance of the standard marked on this footwear but each has different additional advantages or disadvantages including the following:

**Metal:** Is less affected by the shape of the sharp object / hazard (i.e. diameter, geometry, sharpness) but due to shoemaking limitations does not cover the entire lower area of the shoe

**Non-metal –** May be lighter, more flexible and provide greater coverage area when compared with metal but the penetration resistance may vary more depending on the shape of the sharp object / hazard (i.e. diameter, geometry, sharpness)

For more information about the type of penetration resistant insert provided in your footwear please contact the manufacturer or supplier detailed on these instructions”

- Antistatic footwear should be used if it is necessary to minimize electrostatic build-up by dissipating electrostatic charges, thus avoiding the risk of spark ignition of, for example flammable substances and vapours, and if risk of electric shock from any electrical apparatus or live parts has not been completely eliminated. It should be noted, however, that antistatic footwear cannot guarantee an adequate protection against electric shock as it introduces only a resistance between foot and floor. If the risk of electric shock has not been completely eliminated, additional measures to avoid this risk

are essential. Such measures, as well as the additional tests mentioned below should be a routine part of the accident prevention programme of the workplace.

Experience has shown that, for antistatic purpose, the discharge path through a product should normally have an electrical resistance of less than 1000 MΩ at any time throughout its useful life. A value of 100 kΩ is specified as the lowest limit of resistance of a product when new, in order to ensure some limited protection against dangerous electric shock or ignition in the event of any electrical apparatus becoming defective when operating at voltages up to 250 V. However, under certain conditions, users should be aware that the footwear might give inadequate protection and additional provisions to protect the wearer should be taken at all times.

The electrical resistance of this type of footwear can be changed significantly by flexing, contamination or moisture. This footwear will not perform its intended function if worn in wet conditions. It is, therefore, necessary to ensure that the product is capable of fulfilling its designed function of dissipating electrostatic charges and also of giving some protection during its whole life. The user is recommended to establish an in-house test for electrical resistance and use it at regular and frequent intervals.


Classification I footwear can absorb moisture if worn for prolonged periods and in moist and wet conditions can become conductive.

If the footwear is worn in conditions where the soling material becomes contaminated, wearers should always check the electrical properties of the footwear before entering a hazard area.

Where antistatic footwear is in use, the resistance of the flooring should be such that it does not invalidate the protection provided by the footwear.

In use, no insulating elements, with the exception of normal hose, should be introduced between the inner sole of the footwear and the foot of the wearer. If any insert is put between the inner sole and the foot, the combination footwear/insert should be checked for its electrical properties.

## Marking

Label	Description on label	Explanation
	SAFETY JOGGER	Identification Mark
	RENA	Product Identification
	EU 41	Footwear size
	CE	CE mark
	EN ISO 20345:2011	Number of European standard
	S3 SRC HRO	Protection category
	Q2/20	Date of manufacture
	CORTINA NV	Manufacturer Name & Address
	Meersbloem-Melden 42, B-9700 Oudenaarde, Belgium	

## Other Instructions

- Safety footwear designed to minimise the risk of injury which could be inflicted by the wearer during use. It is designed to be used in conjunction with a safe working environment and will not completely prevent injury if an accident occurs which exceeds the testing limits of EN ISO 20345:2011
- Available size and selection: To put on and take off products, always fully undo the fastening systems. Only wear footwear of a suitable size. Products which are either too loose or too tight will restrict movement and will not provide the optimum level of protection.

- To optimum protection, in some instance it may be necessary to use this footwear with additional PPE such as protective trouser or over gaiters. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application
- It is important that the footwear selected for wear must be suitable for the protection required and wear environment. Where a wear environment is not known, it is very important that consultation is carried out between the seller and the purchaser to ensure, where possible, the correct footwear is provided.
- The packaging provided with the footwear at the point of sale is to ensure that the footwear is delivered to the customer in the same condition as when dispatched; the carton can also be used for storing the footwear when not in wear. When the boxed footwear is in storage, it should not have heavy objects placed on top of it, as this could cause breakdown of its packaging and possible damage to the footwear
- If the footwear becomes damaged, it will not continue to give the specified level of protection and to ensure that the wearer continues to receive the maximum protection, the footwear should immediately be replaced.
- To ensure the best service and wear from footwear, it is important that the footwear is regularly cleaned and treated with a good proprietary cleaning product. Do not use any caustic cleaning agents. Where footwear is subjected to wet conditions, it shall, after use, be allowed to dry naturally in a cool, dry area and not be force dried as this can cause deterioration of the upper material. When stored on normal conditions (temperature, and relative humidity), the obsolescence date of a footwear is generally:
  - 10 years after the date of manufacturing for shoes with upper leather and rubber sole
  - 3 years after the date of manufacturing for shoes including PU”
- The actual wear life for footwear is dependent on the type of footwear, environmental conditions which can affect the wear, contamination and degradation of the product.
- The footwear is supplied with a removable insock. Please note the testing was carried out with the insock in place. The footwear shall only be used with the insock in place. The insock shall only be replaced by a comparable insock.

Section 7. Product Marking

RENA	LABOR
<p><b>EU 41      US 8.0</b>  <b>UK 7.5      CM 26.5</b>  <b>SAFETY JOGGER</b></p> <p><b>CORTINA NV</b>  <b>Meersbloem-Melden 42</b>  <b>B-9700 Oudenaarde</b>  <b>BELGIUM</b></p> <p><b>RENA</b>  <b>European Standard</b>  <b>EN ISO 20345:2011</b></p> <p> <b>S3 SRC HRO</b></p> <p><b>Q2/20      O/105790</b></p>	<p><b>EU 41      US 8.0</b>  <b>UK 7.5      CM 26.5</b>  <b>SAFETY JOGGER</b></p> <p><b>CORTINA NV</b>  <b>Meersbloem-Melden 42</b>  <b>B-9700 Oudenaarde</b>  <b>BELGIUM</b></p> <p><b>LABOR</b>  <b>European Standard</b>  <b>EN ISO 20345:2011</b></p> <p> <b>S3 SRC HRO</b></p> <p><b>Q2/20      O/105796</b></p>

## Section 8. Test Reports

Position	Style or material description	EN ISO 20345 Clause	Test Item	Test Report
Design	RENA	5.2.2	Height of upper	SL92009254627501FW
		5.2.3	Seat region	SL92009254627501FW
	LABOR	5.2.2	Height of upper	SL92009254627501FW
		5.2.3	Seat region	SL92009254627501FW
Whole footwear	RENA	5.3.1.1	Sole Construction	SL92009254627501FW
		5.3.1.2	Upper/outsole bond strength	SL92009254627501FW
		5.3.2.1	Toe protection (General)	SL92009266748501FW
		5.3.2.2	Toecap length	SL92009254627501FW
		5.3.5.4	Slip resistance (SRC)	SL92009254627501FW
		6.2.1.1	Penetration resistance (Metallic)	SL92009254627501FW
		6.2.1.2	Construction (penetration protection)	SL92009254627501FW
		6.2.1.3	Dimension (Metallic insert)	SL92009254627501FW
	LABOR with insock 1	5.3.4	Specific ergonomic features	SL92009254627501FW
	RENA with insock 1	5.3.4	Specific ergonomic features	SL92009254627501FW
		5.3.2.3	Impact resistance	SL92009254627501FW
		5.3.2.4	Compression resistance	SL92009254627501FW
		6.2.2.2	Antistatic properties	SL92009254627501FW
		6.2.4	Energy absorption of seat region	SL92009254627501FW
	LABOR with insock 2	5.3.4	Specific ergonomic features	SL92009278086901FW
	RENA with insock 2	5.3.4	Specific ergonomic features	SL92009278086901FW
		5.3.2.3	Impact resistance	SL92009278086901FW
		5.3.2.4	Compression resistance	SL92009278086901FW
		6.2.2.2	Antistatic properties	SL92009278086901FW
		6.2.4	Energy absorption of seat region	SL92009278086901FW
	Steel Plate	6.2.1.4	Flexing resistance (insert)	SL92009254627501FW SL92009266748501FW
		6.2.1.5.1	Corrosion resistance of metal plate	SL92009254627501FW
	Steel Toe	5.3.2.5.1	Corrosion resistance of metal toecaps	SL92009254627501FW
	Upper	RENA	5.4.1	General
6.3			Construction (WRU)	SL92009254627501FW
LABOR		5.4.1	General	SL92009254627501FW
		6.3	Construction (WRU)	SL92009254627501FW
Black Embossed split leather		5.4.3	Tear strength	SL92009254627501FW
		5.4.4	Tensile properties	SL92009254627501FW
		5.4.6	Water vapour permeability and coefficient	GZHT90606575
		6.3	Water Penetration & Absorption	SL92009254627501FW
		5.4.7	pH value (leather)	SL92009254627501FW
		5.4.9	Chromium VI (leather)	SL92009254627501FW
Vamp lining	White Polyester Non-woven fabric	5.3.6	Azo Dye Stuffs	GZHT90569603 item44
		5.5.1	Tear strength	SL92009254627501FW
		5.5.3	Water vapour permeability and coefficient	D151214272
		5.5.2	Abrasion resistance	D151214272
		5.3.6	pH value (textile)	SL918192952009FW
Quarter/Counter lining	Grey Polyester Mesh	5.3.6	Azo Dye Stuffs	SL92009254627501FW
		5.5.1	Tear strength	SL92009254627501FW
		5.5.3	Water vapour permeability and coefficient	SL92009254627501FW
		5.5.2	Abrasion resistance	SL92009254627501FW

		5.3.6	pH value (textile)	SL92009254627501FW
		5.3.6	Azo Dye Stuffs	SL92009254627501FW
Collar	Black PU	5.5.2	Abrasion resistance	SL92009254627501FW
		5.3.6	pH value (textile)	SL918192949420FW
		5.3.6	Azo Dye Stuffs	GZHT90569603 item44
Tongue	Black PU	5.6.1	Tear strength	SL92009254627501FW
		5.3.6	pH value (textile)	SL918192949420FW
		5.3.6	Azo Dye Stuffs	GZHT90569603 item44
Insole	Polyester Non-Woven Insole Board	5.7.1	Thickness	SL92009254627501FW
		5.7.3	Insole water absorption & desorption	SL92009254627501FW
		5.7.4.1	Abrasion resistance	SL92009254627501FW
Insock 1	Black Polyester BK Mesh + SJHBRID(EVA)	5.7.3	Insock water absorption & desorption	SL92009254627501FW
		5.7.4.2	Abrasion resistance	SL92009266748501FW
		5.3.6	pH value (textile)	SL92009254627501FW
		5.3.6	Azo Dye Stuffs	SL92009254627501FW
Insock 2	Black Polyester SJ BK Mesh + SJFOAM(PU)	5.7.3	Insock water absorption & desorption	SL92009265912101FW (G)
		5.7.4.2	Abrasion resistance	SL92009265912101FW (G)
		5.3.6	pH value (textile)	SL92009265912101FW (G)
		5.3.6	Azo Dye Stuffs	SL92009265912101FW (G)
Outsole	Black Rubber	5.8.2	Tear strength	SL92009266748501FW
		5.8.3	Abrasion resistance	SL92009254627501FW
		5.8.4	Rigidity test	SL92009254627501FW
		5.8.4	Flexing resistance	SL92009254627501FW
		5.8.1.2	Cleated area	SL92009254627501FW
		5.8.1.3	Cleated height	SL92009254627501FW
		5.8.1.1	Outsole Thickness	SL92009254627501FW
		6.4.1	Resistance to Hot contact	SL92009266291101FW
		6.4.2	Resistance to fuel oil	SL92009254627501FW



**Section 9. EU Declaration of Conformity**

**EU DECLARATION OF CONFORMITY**

Manufacturer: CORTINA NV  
Address: Meersbloem-Melden 42, B-9700 Oudenaarde, Belgium

declares that the new PPE described hereafter

Styles	RENA	LABOR
Product Type	Low Shoe	Ankle Boot
Protection category	S3 SRC HRO	S3 SRC HRO

are in conformity with the Regulation (EU) 2016/425 and with harmonized standard EN ISO 20345:2011

SGS Fimko Oy  
Takomotie 8, FI-00380 Helsinki, Finland  
Notified Body No. 0598

performed the EU type-examination (Module B) and issued the EU type-examination certificate FI????

Signed for on behalf of Company

Name:

Position:

Date:

Signature:

## **Section 10. Declaration Of Material Innocuousness**

### **DECLARATION OF MATERIAL INNOCUOUSNESS**

The manufacturer or his authorized representative established in the Community:

Manufacturer: CORTINA NV  
Address: Meersbloem-Melden 42, B-9700 Oudenaarde, Belgium

declares that the materials which are coming into contact with the human skin and body used on the new PPE described hereafter

product description:

Styles	RENA	LABOR
Product Type	Low Shoe	Ankle Boot
Size(s) range	EU #35-47	EU #35-47
Construction	Cemented	Cemented
Classification	Class I	Class I
Closure System	Lace Up	Lace Up
Toe cap	Steel Toe	Steel Toe
Insert Plate	Steel Plate	Steel Plate
Sole	Black Rubber	Black Rubber
Upper	Black Embossed Split Cow Leather	Black Embossed Split Cow Leather
Vamp Lining	White Polyester Non-woven fabric	White Polyester Non-woven fabric
Quarter Lining	Grey Polyester Mesh	Grey Polyester Mesh
Counter Lining	Grey Polyester Mesh	Grey Polyester Mesh
Tongue	Black PU	Black PU
Collar	Black PU	Black PU
Lace	Black/Grey Polyester	Black/Grey Polyester
Eyelet	Black Metallic D-ring	Black Metallic D-ring
Sewing Thread	Grey Polyester	Grey Polyester
Insole	Polyester Non-Woven Insole Board	Polyester Non-Woven Insole Board
Insock 1	Black Polyester BK Mesh + SJHBRID(EVA)	Black Polyester BK Mesh + SJHBRID(EVA)
Insock 2	Black Polyester SJ BK Mesh + SJFOAM(PU)	Black Polyester SJ BK Mesh + SJFOAM(PU)
Protection category	S3 SRC HRO	S3 SRC HRO

are known not to undergo appreciable alteration from contact with sweat or with substances likely to be found in toiletries and are known not to cause any harm to human skin and body.

Signed for on behalf of Company

Name:

Position:

Date:

Signature:

**Section 11. Revision History**

Revision No.	Revision Date	Main changes
0	2020/8/18	First create

The last update information is highlighted in red.