



Technical Specification for Article 9687L

Product : **Electrical Insulating Fireman Boot**

Colour	Black/ Yellow
Size range	Euro: 36 – 50 UK : 3½ - 14½ US : 4½ - 15½
Type of construction	Vulcanized Rubber Upper and Sole
Last/ Sole Pattern	VSV/ NJV
Recommendation	<ul style="list-style-type: none"> • Structural fire fighting • General fire rescue • Bush fire fighting
Compliance	<p>European Standard CE Approved – EN 15090 : 2006 (F2 IS HI3 P T CI) EN ISO 20345 : 2004 (SB P E CI SRA)</p> <p>Australia New Zealand Standard Approved- AS/NZS 4821 : 2006 (P E T I HI)</p> <p>F2 = Type 2 footwear for firefighters suitable for fire rescue, fire suppression, property conservation & etc. SB = Standard Basic Protection as per EN ISO 20345 IS = High Electrical Resistance Outsole HI₃ = Heat Insulation Level 3 CI = Cold Insulation SRA = Slip Resistance on ceramic tile with Sodium Lauryl Sulphate E = Heel Energy Absorption P = Penetration Resistance T = Toe Protection HRO= Resistant to hot contact</p>




MS ISO 9001:2008
REG No. AR 0142



MS ISO 14001:2004
REG No. ER 0269



	<p>CSA Z195-09 / ASTM F 2413-11 Grade 1 Toe protection Penetration resistance 18 kV Electric Shock Resistance (ESR) protection</p> <p>Council Directive 96/98/EC On Marine Equipment (MED) Complies Module B & D requirements</p>
<p>Lining Material</p>	<ul style="list-style-type: none"> • Extra comfort with woven cotton canvas
<p>Upper construction</p>	<ul style="list-style-type: none"> • Flame retardant upper with heat insulation • Reinforced rubber • Waterproof • High visibility with black and yellow contrast
<p>Sole / Heel</p>	<ul style="list-style-type: none"> • Flame retardant rubber outsole • Fuel oil resistant sole suitable for inimical environment • Slip resistant vulcanized rubber outsole • Excellent abrasion resistant for extra durability • Withstand 18kV of life current at dry condition • Heel energy absorption design to minimize heel impact • Catered to enter high temperature • Cold insulating outsole construction
<p>Steel Midsole</p>	<ul style="list-style-type: none"> • Non-corrosive stainless steel • Withstands pin & sharp objects
<p>Steel Toe Cap</p>	<ul style="list-style-type: none"> • Epoxy coated toe caps • Meets EN ISO 20345 impact and compression tests • Reliable protection in cold & hot environment
<p>Chemical Resistance</p>	<ul style="list-style-type: none"> • Sole & Upper – Resistant towards strong acids and alkalis
<p>Finishing</p>	<ul style="list-style-type: none"> • Lacquer coating for weather protection
<p>Packing</p>	<ul style="list-style-type: none"> • Recyclable polybag & 6 pairs in a carton

**Specifications of the product are subject to changes without prior notice for further enhancements.*

Rev: 05/BUVE

JAN 2012



MS ISO 9001:2008
REG No. AR 0142



MS ISO 14001:2004
REG No. ER 0269



INSPEC



This is to certify that: -

**Harvik Rubber Industries Sdn. Bhd.
1414, Lorong Perusahaan 4 (Off Jalan Perusahaan)
Free Industrial Zone (1), 13600 Perai,
Penang, Malaysia**

having been satisfactorily assessed against module D of the Marine Equipment Directive, 96/98/EEC, and undertaken to comply with INSPEC requirements at all times, is entitled to claim compliance with the module assessed and certified.

The Wheelmark may be applied to those products covered by the scope of this certificate and having a valid type-examination certificate



Signed for and on behalf of INSPEC (Notified Body Number 0194), issued for and on behalf of the Maritime and Coastguard Agency, under The Merchant Shipping (Marine Equipment) Regulations 1999.

Kevin Warren:

Manager, Certification Services Date: 9th September 2014



Certification remains valid until 15th August 2017, providing compliance with INSPEC's surveillance and assessment programme is maintained.

Certificate Number: MED 005

Original date of issue: 15th August 2011

For terms and conditions of issue, see page 2

INSPEC International Ltd, 56 Leslie Hough Way, Salford, Gt Manchester M6 6AJ, England

SATRA

EC Type-Examination Certificate

(Approved Body identification number: 0321)

Certificate number: 3863 Issue 1

Date of issue: 13th October 2008

Issued to: Harvik Rubber Industries Sdn.Bhd, 1414, Lorong Perusahaan 4, Free Industrial Zone (1),
Perai, Penang

(Client number: P9417)

This is to certify that the safety footwear product group reference 33 comprising:

Product reference

9687L Series

Description

Last: VSV

Construction: Moulded

Upper: Rubber

Outsole: NJV rubber sole

Toecap: ISCO TZ

Penetration resistant midsole:

ISCO 1631 Sizes 36 – 47

ISCO 2801 Sizes 48 - 50

Footbed: Permanently attached

Type and Code designation: Type 2 Code II

Category: F2IS HI₃ P T CI

(EN ISO 20345:2004 SRA SB P CI E)

Size range: 36 - 50

Technical Reports:

SATRA: FWT0165447/0827/X/DCR/1, FWT0165447/0827/X/DCR/2

CTC: 0809-9956

has been subject to an EC Type-examination in accordance with Article 10 of the PPE Directive (89/686/EEC) and has been shown to satisfy the relevant provisions of this Directive for the complex category through:

- i Testing to the following standard: EN 15090:2006
- ii Examination of the relevant technical documentation.

You are therefore licensed to mark the product(s) listed above in accordance with Article 13 of Directive (89/686/EEC) and any relevant amending Directives once you have drawn up an EC declaration of product conformity.

Signed:




(G Graham)

Date:

13th October 2008

Signed:



(A C Simmons)

Date:

13th October 2008

On behalf of SATRA

NOTE: This certificate is only valid if embossed with the following text. "SATRA – European Notified body number 0321" and supported by documentation to show compliance with Article 11 of Directive 89/686/EEC which is less than 12 months old.



Harvik Rubber Industries Sdn. Bhd.
(120957-9)

1414, Lorong Perusahaan 4,
(Off Jalan Perusahaan),
Free Industrial Zone (1),
13600 Prai, Penang, MALAYSIA.
P.O Box 48, 12700 Butterworth,
Penang, MALAYSIA.
Tel: 604 390 7550 Fax: 604 390 8570
URL: www.harvik.com

Date: 11 November 2009

To Whom It May Concern,

Letter of Authorization and Warranty

HARVIK RUBBER INDUSTRIES Sdn. Bhd. is a manufacturer of Fire Fighting Boots Art 9679, with office address at 1414, Jalan Perusahaan 4, (Off Jalan Perusahaan), Free Industrial Zone (1), 13600 Prai, Penang, Malaysia.

HARVIK RUBBER INDUSTRIES Sdn. Bhd. is owned by MIK Industries Ltd.
(3451 Wayburne Dr, Burnaby, BC, Canada. Tel: (604) 299-3566).

HARVIK RUBBER INDUSTRIES Sdn Bhd. is hereby authorized FIRE AND RESCUE INTERNATIONAL CO. LTD., with office address at 51/193 M001 Thanam-Non Road, A.Muang, Nonthaburi, 11000 Thailand, to distribute our Art 9679 Fire Fighting Boots.

This authorization is effective today and remains valid until 11th of November, 2010 and shall be extended for another period of twelve (12) months upon acceptance of both parties. The authorization letter is subjected to annual renewal upon the expired date.

Harvik Fire Fighting boots are backed by our exclusive warranty against manufacturing defects for 12 months from the date of Invoice and is subjected to 3rd party verification, term and conditions applied.

It shall be FIRE AND RESCUE INTERNATIONAL CO. LTD.'s sole responsibility to ensure full compliance with the relevant law, by laws, regulations or guidelines in Thailand.

Sincerely yours,

Daniel Kooi
Senior Manager, Marketing