HARVIK RUBBER INDUSTRIES SDN. BHD.

Technical Specification for Article 9726

Product : **Professional Dielectric Safety Boot**

Colour	Yellow/ Green
Size range	Euro : 36 – 50
Type of construction	• Vulcanized Rubber Upper and Sole
Last/ Sole Pattern	• Last : VSV • Sole Pattern : SNV
Specialty	• Tested individual boots at 5kV (wet) • Optional testing @10kV (wet) or 37kV (dry)
Recommendation	• For working environment with high voltage hazards • Power station operations • Substation (step-up/ step-down/ distribution) operations • Electrical hazards with wet condition/ water exposure • High current leakage hazards • Electrical installations
Compliance CE 0321 IEN ISO 20345:2004 SB E HRO I SRA EN 50321:1999 Class 0	European Standard CE / Australian – New Zealand Standard Approved – **EN 20345 : 2004 (SB E HRO I)** **EN 50321:1999 (Class 0)** **AS/ NZS 2210.3:2009 (E HRO)**

MS ISO 9001:2000 REG No. AR 0142

BSI ISO 14001:2004 REG No. ER 0269

a member of SATRA TECHNOLOGY CENTRE

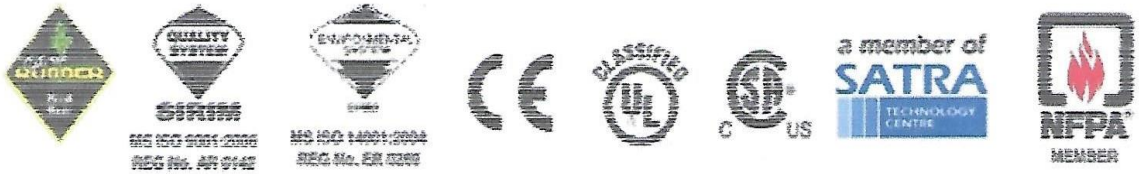
NFPA MEMBER

 ASINZS 2210.3:2003 E HRO	SB = Standard Basic Protection as per EN ISO 20345 I = Electrically insulating footwear tested as per EN 50321 E = Heel Energy Absorption HRO = Resistance to Hot Contact 300°C for 60 seconds SRA = Slip resistance on ceramic tile floor with Sodium Lauryl Sulphate. Requirements Heel : CoF > 0.28 , Flat : CoF > 0.3 Class O = Installations with nominal voltage up to 1000V AC/ 1500V DC CSA Z195-09/ ASTM F 2413-11 Class 1 Toe protection 18kV Electric Shock Resistance (ESR) protection
Lining Material	• Selected polyester grade for electrical insulation • Comes with extra comfort and durability
Upper construction	• Waterproof (Electrically verified) • Reinforced rubber upper • High visibility with green and yellow contrast • Easy for cleaning
Sole / Heel	• Electrical shock resistance sole suitable for high voltage/ current environment • Fuel oil resistance sole suitable for inimical environment • Slip resistant vulcanized rubber sole • Excellent abrasion resistant for extra durability • Heel energy absorption design to minimize the heel impact • Catered to enter high temperature with HRO performance
Steel Toe Cap	• Non-corrosive coating treatment • Meets EN ISO 20345 impact and compression tests • Reliable protection in cold & hot environments
Steel Shank	• Doubled ribbed ladder shank for improved midfoot stability and support
Chemical Resistance	• Sole & Upper – Resistance towards strong acids and alkalis
Finishing	• Lacquer coating for weather protection
Packing	• Recyclable Polybag & 6 pairs in a carton

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

Rev: 08/BUVE

DEC 2011



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Firm:	Harvik Rubber Industries Sdn Bhd 1414 Mukim 1 Prai Free Industrial Zone 1 13600 Prai PENANG Malaysia	CQ reference	FW10171488/0904/ X/DCR/1
		Date:	2nd April 2009
		Samples received:	19th January 2009 & 17th March 2009
Attention of:	Siti Nur Mustaqimah	Testing completed:	26th March 2009

TECHNICAL SERVICES REPORT

Subject: Testing of footwear in accordance with EN ISO 20345:2004

Sample reference: Style no 9725 & 9726

Report prepared by: Darren Roberts
Report signed by: Darren Roberts
Footwear Technologist
Footwear Technology - Testing
On behalf of SATRA Technology Centre Ltd