



PLANT PURCHASING SPECIFICATION HEEP - HARDWAR

SIGN. & DATE

SUPERSEDES
INVENTORY NO.

SAFETY SHOES (PU SOLE)

1. SCOPE

This standard covers the requirement of Safety Shoes (PU sole) to protect the feet and ankle in heavy engineering industry.

2. COMPLIANCE WITH STANDARDS

- 1) Upper of the shoe shall conform to IS: 5677 - 1986.
- 2) Bottom shall be made of good quality of PU Sole confirming to IS: 15298 - 2004.
- 3) Inner toe tongue side lining 1.5 mm - IS: 3840 - 1996 .
- 4) Insole -IS-3840 - 1996.
- 5) Carbon steel toe cap IS: 5852 - 2004.

3. Special Conditions

1. Authenticated photo copies of the latest test certificates (from OEMs, National Accredited Test Laboratories) to be submitted along with the offer.
2. Vendor/bidder to furnish authorization letter from Principal/OEM against the enquiry quoted.
3. Vendor/bidder to submit along with the offer, authenticated copy of latest certificate of product conformity to relevant IS/EN/ANSI standards.
4. For each PPE specification, the Vendor/Bidder shall confirm their acceptance to the BHEL specifications by Signing and Stamping on it.

4. TECHNICAL REQUIREMENT

- 1) The boot upper and bottom sole shall be joined together by direct injection process.
- 2) Upper leather shall be good quality chrome tanned plain grain Cow / Buffalo leather 1.5mm +/-0.1 mm thickness Black in colour.
- 3) The shoe shall be provided with lasting inner sole to the thickness of 3mm +/-0.2 mm (Leather / leather board)
- 4) Vegetable Tanned soft Grain Leather, shall be used for insole (Sock lining) toe lining and side, tongue inner lining to the thickness of 1 mm. & will be Natural yellow in colour.

COPYRIGHT & CONFIDENTIAL

The information on this document is the property of Bharat Heavy Electrical Ltd. It must not be used, copied or indirectly or directly in any way detrimental to the interest of the co.

SIGN &
DATE

NAME

DESIGNATION

SIGNATURE

DATE

WORKED

HARPREET PAL SINGH

SR. ENGR.

11.08.15

CHECKED

ABHAI SINGH

SAFETY OFFICER / SR. MGR.

11.08.15

INVENTORY NO.

REF:
CORPORATE STANDARD FOR
PERSONAL PROTECTIVE EQUIPMENT
FOOT PROTECTION

APPROVED BY

V.K SAXENA
 HEAD/SDGM(HSE)

Revision No.

PAGE NO

ITEM CODE

DATE
OF
ISSUE

01

198

Size: 6- ISXW00202118, Size: 7-ISXW00202142

Size: 8- ISXW00202134, Size: 9-ISXW00202150

Size: 10 - ISXW00202169, Size: 11 - ISXW00202177



**PLANT PURCHASING SPECIFICATION
HEEP - HARDWAR**

SIGN. & DATE

SUPERSEDES
INVENTORY NO.

- 5) Three Eye lets shall be provided and these will be of Brass/Aluminum with inner dia 6mm & outer dia 12mm.
- 6) The shore harness of the bottom sole shall be 55 to 65 A.
- 7) The shoes are to be machine-stitched and no Nails shall be used in their making. Shoe shall be free from nails.
- 8) Total weight shall not exceed 1000 grams for Size 8 pair. (For every incremental higher size 50 gms addition and 50 gms lesser for lower size)
- 9) It shall be provided with 6mm widths and 630mm length, cotton lace.
- 10) Construction & measurement shall be as per our drawing

5.1 SAMPLE

Sample of shoe & Test certificate of sample as per clause 5.2 (a to f) shall be supplied along with offer for approval. Samples are non-chargeable & non-returnable.

5.2 TEST CERTIFICATE

- 1) Suppliers shall submit the test certificates along with the bulk supply for;
 - a) Leather quality
 - b) Heat resistance
 - c) Impact resistance
 - d) Penetration resistance
 - e) Electrical resistance
 - f) Oil and chemical resistance
- 2) Test Certificate shall also indicate Batch No. & date

PACKING

The shoes shall be supplied, packed in good quality card board box with Two Pairs Of Cotton Lace As Spare.

COPYRIGHT & CONFIDENTIAL
 The information on this document is the property of Bharat Heavy Electrical Ltd. It must not be used directly or indirectly in any way detrimental to the interest of bhe.co.

SIGN &
DATE

INVENTORY NO.

NAME	DESIGNATION	SIGNATURE	DATE
WORKED HARPREET PAL SINGH	SR. ENGR.	<i>[Signature]</i>	11.08.15
CHECKED ABHAI SINGH	SAFETY OFFICER / SR. MGR.	<i>[Signature]</i>	11.08.15
REF: CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT FOOT PROTECTION		APPROVED BY <i>[Signature]</i> V.K SAXENA HEAD/SDGM(HSE)	
Revision No.	PAGE NO	ITEM CODE	DATE OF ISSUE
01	198	Size: 6- ISXW00202118, Size: 7-ISXW00202142 Size: 8- ISXW00202134, Size: 9-ISXW00202150 Size: 10 - ISXW00202169, Size: 11 - ISXW00202177	



PLANT PURCHASING SPECIFICATION HEEP - HARDWAR

SIGN & DATE

SUPERSEDES
INVENTORY NO.**MARKING**

The shoe shall be marked with the following information

- a) Size of the shoe
- b) Relevant IS, EN, ANSI marks
- d) Supplier's identity
- e) Batch, Month and the year of the manufacturing.

INSPECTION

Inspection will be carried out at Suppliers works with reference to the approved sample and test reports,

GUARANTEE CERTIFICATE

Guarantee Certificate to be given for any manufacturing defects along with its consignment for free replacement with in Six month from the date of Reciept at BHEL store.

COPYRIGHT & CONFIDENTIAL

The information on this document is the property of Bharat Heavy Electrical Ltd. It must not be used directly or indirectly in any way detrimental to the interest of BHEL.

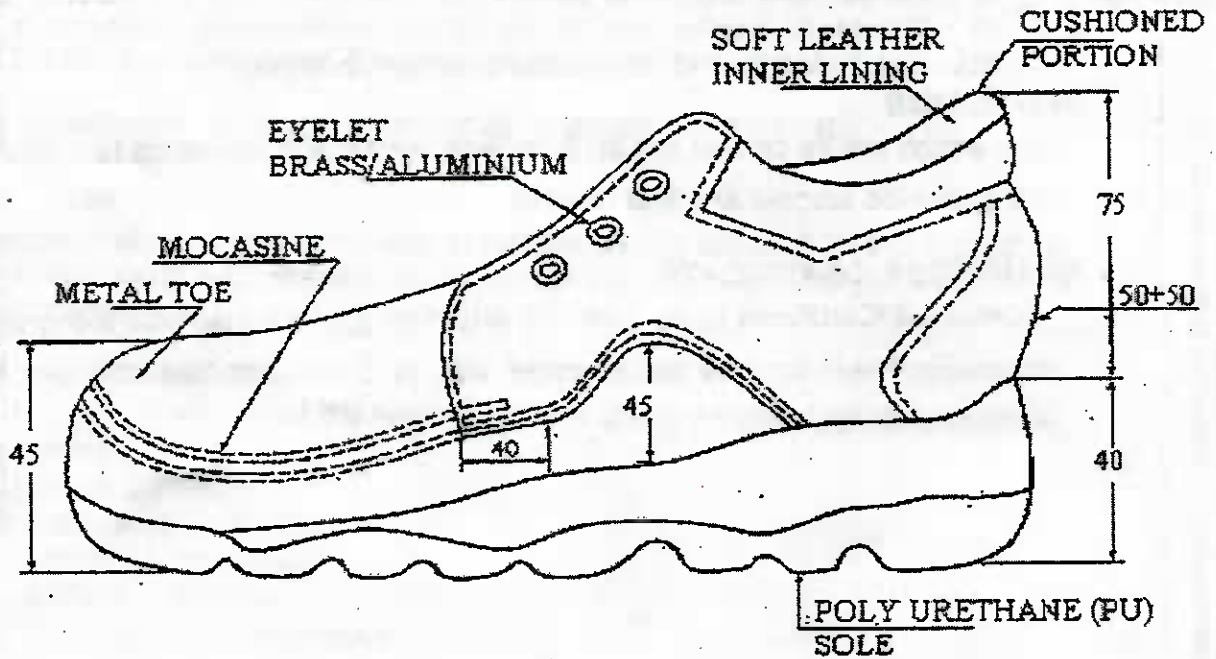
SIGN &
DATE

	NAME	DESIGNATION	SIGNATURE	DATE
WORKED	HARPREET PAL SINGH	SR. ENGR.		11.08.15
CHECKED	ABHAI SINGH	SAFETY OFFICER / SR. MGR.		11.08.15
INVENTORY NO.	REF: CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT FOOT PROTECTION		APPROVED BY V.K. SAXENA HEAD/SDGM(HSE)	
	Revision No.	PAGE NO	ITEM CODE	DATE OF ISSUE
01	198	Size: 6- ISXW00202118, Size: 7-ISXW00202142 Size: 8- ISXW00202134, Size: 9-ISXW00202150 Size: 10 - ISXW00202169, Size: 11 - ISXW00202177		



PLANT PURCHASING SPECIFICATION
HEEP - HARDWAR

SAFETY SHOES (PU SOLE)



ALL DIMENSIONS IN MM.

FIG. NOT TO SCALE

COPYRIGHT & CONFIDENTIAL
 The information on this document is the property of Bharat Heavy Electrical Ltd.
 It must not be used directly or indirectly in any way detrimental to the interest of the co.

SIGN & DATE	NAME		DESIGNATION	SIGNATURE	DATE
	WORKED	HARPREET PAL SINGH		SR. ENGR.	<i>[Signature]</i>
CHECKED	ABHAI SINGH		SAFETY OFFICER / SR. MGR.	<i>[Signature]</i>	11.08.15
INVENTORY NO.	REF: CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT FOOT PROTECTION		APPROVED BY <i>[Signature]</i> V.K SAXENA HEAD/SDGM(HSE)		
	Revision No.	PAGE NO	ITEM CODE		DATE OF ISSUE
	01	198	Size: 6- ISXW00202118, Size: 7- ISXW00202142 Size: 8- ISXW00202134, Size: 9- ISXW00202150 Size: 10 - ISXW00202169, Size: 11 - ISXW00202177		