



FOOT PROTECTION

SAFETY SHOES (PU SOLE)

CORPORATE STANDARD PPE
SPECIFICATION MANUAL

Rev. No.: 01

Rev. dt.: 30/05/2012

SCOPE

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

COMPLIANCE WITH STANDARDS

- 1) Upper of the shoe shall conform to IS: 5677 – 1986.
 - 2) Bottom shall be good quality of PU 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.
- Authenticated photo copies of the latest test certificates (from OEMs, National Accredited Test Laboratories) to be submitted along with the offer.
 - Vendor/bidder to furnish authorization letter from Principal/OEM against the enquiry quoted.
 - Vendor/bidder to submit along with the offer, authenticated copy of latest certificate of product conformity to relevant IS/EN/ANSI standards.
 - For each PPE specification, the Vendor/Bidder shall confirm their acceptance to the BHEL specifications by Signing and Stamping on it.

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 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. Natural yellow in colour.

REVISIONS:

PPE Rev. No.:
Date:

Amnd. No.:
Date:

Reaffirmed:
Year:

Approved by:

CORPORATE PPE STANDARDISATION COMMITTEE

Prepared by:
Corporate HSE

Issued by:
Corporate Office

Issue date:
25.08.2006



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- 5) The Eye lets shall be of Brass/Aluminum 3/4 numbers .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 shall be Free from nails.
- 8) Total weight shall not be exceeding 1000 grams for Size 8 pair.(For every incremental higher size 50 gms addition)
- 9) It shall be provided with 6mm widths and 630mm length, cotton lace.
- 10) Construction, measurement shall be as per our drawing

SAMPLE

Sample shall be supplied along with offer for approval. (Test certificate of sample to be submitted for approval)

TEST CERTIFICATE

- 1) Suppliers shall submit the test certificates along with the bulk supply.
- 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.

MARKING

The shoe shall be marked with the following information

- a) Size of the shoe

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- b) BHEL logo
- c) Relevant ISI, EN, ANSI marks
- d) Suppliers identity
- e) Batch, Month and the year of the manufacturing.

INSPECTION

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

GUARANTEE CERTIFICATE

Guarantee Certificate to be given for any manufacturing defects along with its consignment from the date of receipts at stores for free replacement with in six month.

ENQUIRY SPECIFICATION

The PI and Enquiry shall also have the copy of the specification as "SAFETY SHOES (PU SOLE)" as per BHEL Corporate standard size

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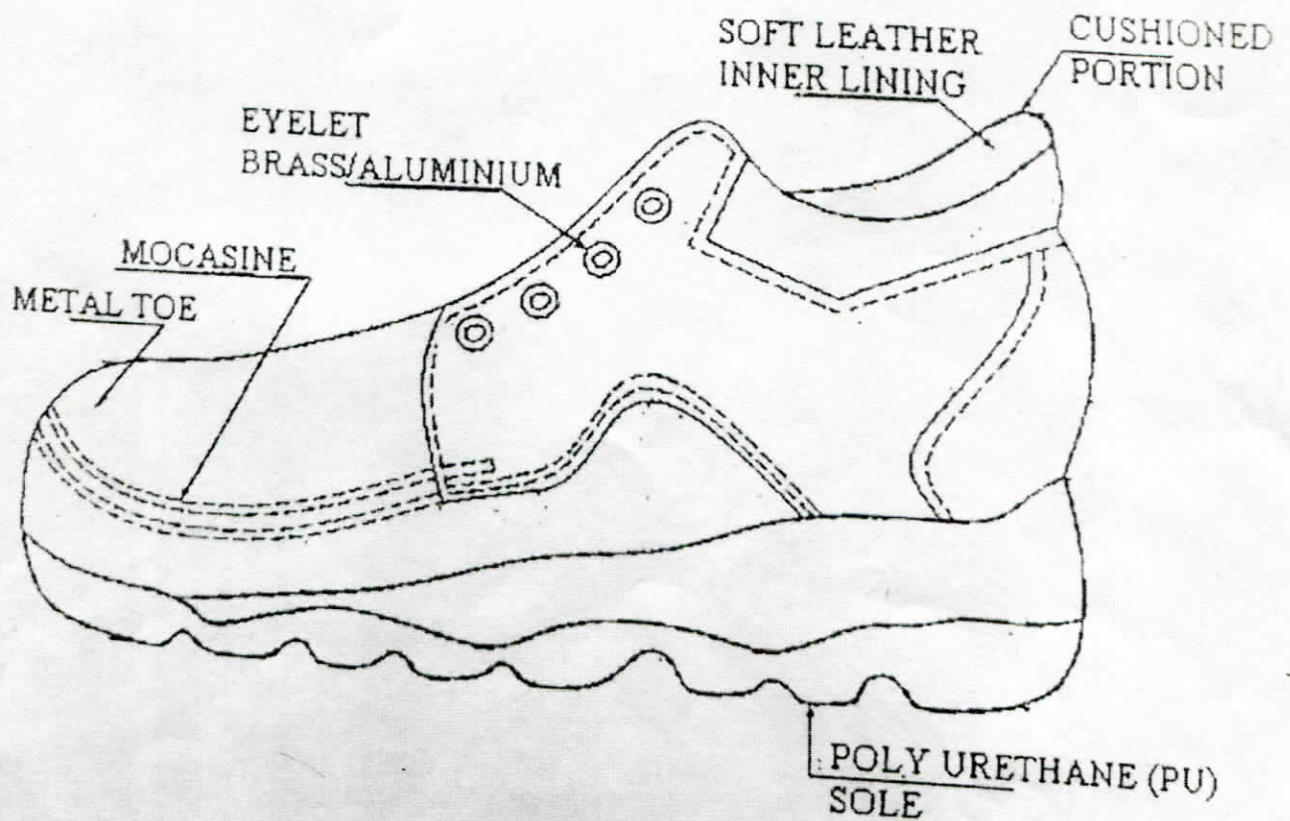
Year:

Corporate HSE

Corporate Office

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DOUBLE DENSITY SAFETY SHOE WITH PU SOLE



Humay

Chun Shun
G.