



कार्यालय स्वास्थ्य, सुरक्षा एवं पर्यावरण विभाग,

बी.एच.ई.एल.- हीप, रानीपुर, हरिद्वार- उत्तराखण्ड-249403

सं०: एच.एस.ई/ 2017-18/14

दिनांक: 11.11.2017

Subject: Prequalification Criteria for Indent No. 20173359, dtd- 24.10.2017 (Canvas Hand Gloves).

The Vendors meeting following criterions would only be considered:-

- 1) The vendor should be manufacturer only.
- 2) The offer of Micro and Small Enterprises shall be considered as per the item No. 136 of List of Items Reserved for Purchase from Small Scale Industries Units issued by Development Commissioner (MSME), Ministry of Micro, Small & Medium Enterprises, dtd. Feb. 24, 2016.
- 3) Suppliers shall submit Notarized MSE certificate along with technical offer.

Deen Dayal
AE (HSE)

Sr. Manager (HSE)

HEAD/CSO/AGM (HSE)



PLANT PURCHASING SPECIFICATION

HEEP - HARDWAR

SIGN. & DATE

SUPERSEDES
INVENTORY NO.

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.

CANVAS HAND GLOVES (300 MM)

1.0 Scope

This standard covers the requirement of Canvas Hand Gloves (300 mm).

2.0 Compliance with Standards

1. Have uniform thickness as per Is: 1424 - 1983 Reaffirmed 1999,
2. Clute pattern as per IS : 6994 - 1973 Reaffirmed - 1996 and
3. Size and shape as per IS 2573 -1986 Reaffirmed 2003.

3.0 Technical Requirement

1. They shall be made out of good quality, thick canvas cloth.
2. They shall be five fingers type clute pattern as per IS.
3. Back of the fingers except Index & cuff shall be made of canvas.
4. The palm, front of fingers, back of the index finger and whole thumb shall be made of chrome tanned split leather.
5. Chrome tanned split leather used shall be of thickness 1.2 to 1.8 mm, it shall be free from cuts, holes flaws and loose fibres and natural in colour.
6. The dimensions of gloves as given below with tolerance of (+4mm, - 2mm).
 Little Finger - 50mm
 Ring Finger - 75mm
 Middle Finger - 83mm
 Index Finger - 79mm
 Thumb - 108mm
 Upto the wrist - 200mm
 Width at the edge of the cuff -145mm
 The overall length of gloves shall be 300mm $\pm$ 5 mm.
7. It shall be of good appearance, good finishing, without abrasion and after stitching unwanted leather should be trimmed off from inside.
8. The stitches shall be 2.5 mm with the end of all stitching securely back stitched.
9. The cotton sewing thread conforming to Variety No. 23 shall be used.
10. The size shall be 300 mm & glove will give protection against dirt, dust, oil, grease etc.

5.0 Sample

Sample shall be supplied along with technical offer for approval.

5.0 Test Certificate

5.1 The supplier shall submit the test certificate along with the bulk supply as per IS for

1. Quality of canvas
2. Quality of Leather

SIGN &
DATE

INVENTORY NO.

NAME	DESIGNATION	SIGNATURE	DATE
WORKED ABHAI SINGH	SAFETY OFFICER / DY. MANAGER		22/11/11
CHECKED JAGAT NARAIN	SAFETY OFFICER / SR. MGR.		22-11-11

REF: CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT HAND PROTECTION	APPROVED BY V K Saxena DGM (HSE)
Revision No. 00	PAGE NO 86
ITEM CODE ISXW00200662	
DATE OF ISSUE	

SIGN. & DATE

SUPERSEDES
INVENTORY NO.

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

INVENTORY NO.



PLANT PURCHASING SPECIFICATION

HEEP - HARDWAR

FORM DG 49

BHEL/HEEP/HSE/E/05

Rev. No. 00

PAGE 2 OF 2

- 5.2** The test certificate shall also indicate the following.
a. P.O. Number

6.0 Packing

The gloves shall be supplied, packed individually for protection from dust & damage.

7.0 Marking

The gloves shall be marked with the following information

- BHEL Logo
- Supplier Identity/ manufacture's name/brand name.
- Month & Year of manufacturing.

8.0 Inspection

Inspection will be carried out at our works with reference to the accepted sample and test reports.

9.0 Guarantee Certificate

Guarantee certificate to be given for any manufacturing defects along with its consignment for free replacement with in Six months from the date of receipt at stores.

	NAME	DESIGNATION	SIGNATURE	DATE
WORKED	ABHAI SINGH	SAFETY OFFICER / DY. MANAGER		22/11/11
CHECKED	JAGAT NARAIN	SAFETY OFFICER / SR. MGR.		22-11-11

REF: CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT HAND PROTECTION		APPROVED BY V K Saxena DGM (HSE)	
Revision No.	PAGE NO	ITEM CODE	DATE OF ISSUE
00	87	ISXW00200662	



PLANT PURCHASING SPECIFICATION

HEEP - HARDWAR

SIGN & DATE

SUPERSEDES
INVENTORY NO.

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

CUT RESISTANT GLOVE

1. Scope

This standard covers the requirement of glove required for higher level of cut resistance with better grip while handling metallic sheets.

2. Compliance with Standards

It shall comply with the standards EN 388 for mechanical protection.

3. Technical Requirement

1. The glove should be made of Kevlar or other suitable knitted yarn.
2. The glove should be nitrile dipped on the palm and fingers.
3. The glove should be easily laundered / washable for re-use.
4. The length of the glove should not be less than 240mm and more than 250mm.
5. The glove should have following mechanical performance as per EN388 standards:
 - a) Abrasion resistance – Performance level 3
 - b) Blade cut resistance – Performance level 2
 - c) Tear resistance – Performance level 3
 - d) Puncture resistance – Performance level 1

4. Sample

Sample shall be supplied along with technical offer for approval.

5.0 Test Certificate

5.1 The supplier shall submit the test certificate along with the bulk supply for following

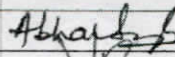
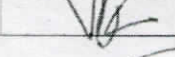
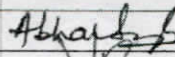
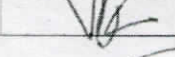
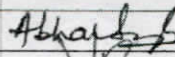
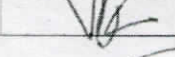
1. Abrasion resistance – Performance level 3
2. Blade cut resistance – Performance level 2
3. Tear resistance – Performance level 3
4. Puncture resistance – Performance level 1

SIGN &
DATE

INVENTORY NO.

	NAME	DESIGNATION	SIGNATURE	DATE
WORKED	ABHAI SINGH	SAFETY OFFICER / DY. MGR	<i>Abhai Singh</i>	08/08/09
CHECKED	V.K. SAXENA	CHIEF SAFETY OFFICER/SR.MGR	<i>V.K. Saxena</i>	08/08/09
		APPROVED BY	 AJEET KUMAR SHARMA DGM (HSE)	
		ITEM CODE ISXW00201120	DATE OF ISSUE	

(3)

SIGN. & DATE		 PLANT PURCHASING SPECIFICATION HEEP – HARDWAR		FORM DG 49 BHEL/HEEP/HSE/E08 Rev. No. 00 PAGE 2 OF 2																
SIGN & DATE	SUPERSEDES INVENTORY NO.	5.2 The test certificate shall also indicate the following. a. P.O. Number b. Batch No. & date 6.0 Packing The gloves shall be supplied, packed individually to protect it from dust and damage. 7.0 Marking Each glove shall be marked with the following information a) Supplier identity b) Month & year of manufacturing 8.0 Inspection Inspection will be carried out at our works with reference to the acceptable sample and test report, BHEL can inspect at party's works wherever required. 9.0 Guarantee Certificate Guarantee certificate to be given for any manufacturing defects along with its consignment for free replacement within Six months from the date of receipt at stores.																		
		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	INVENTORY NO.	<table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>DESIGNATION</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>WORKED</td> <td>ABHAI SINGH</td> <td>SAFETY OFFICER / DY. MGR</td> <td></td> <td>08/08/09</td> </tr> <tr> <td>CHECKED</td> <td>V.K. SAXENA</td> <td>CHIEF SAFETY OFFICER/SR.MGR</td> <td></td> <td>08/08/09</td> </tr> </tbody> </table>					NAME	DESIGNATION	SIGNATURE	DATE	WORKED	ABHAI SINGH	SAFETY OFFICER / DY. MGR		08/08/09	CHECKED	V.K. SAXENA	CHIEF SAFETY OFFICER/SR.MGR		08/08/09
			NAME	DESIGNATION	SIGNATURE	DATE														
WORKED	ABHAI SINGH	SAFETY OFFICER / DY. MGR		08/08/09																
CHECKED	V.K. SAXENA	CHIEF SAFETY OFFICER/SR.MGR		08/08/09																
		APPROVED BY  AJEET KUMAR SHARMA DGM (HSE)		ITEM CODE ISXW00201120 DATE OF ISSUE																



PLANT PURCHASING SPECIFICATION

HEEP – HARDWAR

SIGN. & DATE

SUPERSEDES
INVENTORY NO.

HIGH CUT RESISTANT GLOVE

1. Scope

This standard covers the requirement of glove required for higher level of cut resistance with better grip while handling rough and abrasive materials.

2. Compliance with Standards

It shall comply with the standards as per EN 388 for mechanical protection.

3. Technical Requirement

- a) The glove should be made of kevlar with Jersey liner.
- b) The glove should be nitrile dipped on the palm and fingers.
- c) The glove should be easily washable for re-use.
- d) The length of the glove should not be less than 240mm and more than 260mm.
- e) The glove should have mechanical performance as below to EN388 standards:
 1. Abrasion resistance – Performance level 4
 2. Blade cut resistance – Performance level 2
 3. Tear resistance – Performance level 2
 4. Puncture resistance – Performance level 1

4. Sample

Sample shall be supplied along with technical offer for approval.

5.0 Test Certificate

5.1 The supplier shall submit the test certificate along with the bulk supply as per IS for

1. Abrasion resistance – Performance level 4
2. Blade cut resistance – Performance level 2
3. Tear resistance – Performance level 2
4. Puncture resistance – Performance level 1

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

INVENTORY NO.

NAME _____

DESIGNATION

SIGNATURE

DATE _____

WORKED

ABHAI SINGH

SAFETY OFFICER / DY. MGR

Abbas 20

08/08/79

CHECKED

V.K. SAXENA

CHIEF SAFETY OFFICER/SR.MGR

12

colloid

APPROVED BY

AJEET KUMAR SHARMA
DGM (HSE)

ITEM CODE
ISXW00201138DATE OF
ISSUE

SIGN & DATE

SUPERSEDES
INVENTORY NO.

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.



PLANT PURCHASING SPECIFICATION HEEP – HARDWAR

5.2 The test certificate shall also indicate the following.

- c. P.O. Number
- d. Batch No. & date

6.0 Packing

The gloves shall be supplied, packed individually to protect it from dust and damage.

7.0 Marking

Each glove shall be marked with the following information

- a) Supplier identity
- b) Month & year of manufacturing

8.0 Inspection

Inspection will be carried out at our works with reference to the acceptable sample and test report, BHEL will inspect at the works wherever required.

9.0 Guarantee Certificate

Guarantee certificate to be given for any manufacturing defects along with its consignment for free replacement with in Six months from the date of receipt at stores.

SIGN & DATE	NAME	DESIGNATION	SIGNATURE	DATE
WORKED	ABHAI SINGH	SAFETY OFFICER / DY. MGR	<i>Abhai Singh</i>	08/08/09
CHECKED	V.K. SAXENA	CHIEF SAFETY OFFICER/SR.MGR	<i>V.K. Saxena</i>	08/08/09
INVENTORY NO.	APPROVED BY		 AJEET KUMAR SHARMA DGM (HSE)	
	ITEM CODE ISXW00201138		DATE OF ISSUE	