

- **SCOPE**

This standard covers the requirement of cut resistance glove with higher levels of mechanical protection and shall provide better grip while handling metallic sheets, on soiled surfaces and as well as dry surfaces.

- **COMPLIANCE WITH STANDARDS**

It shall comply with the standards EN388 for mechanical protection

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 standards.
4. The Vendor/Bidder shall confirm their acceptance to the BHEL specifications by Signing and Stamping on it.

- **TECHNICAL REQUIREMENT**

1. The gloves should be made of cotton/polyester or other suitable knitted yarn and shall be oil water and grease resistant.
2. The gloves should be breathable and seamless in parts though they may be cut and sewn.
3. The glove should be nitrile/latex/pu dipped on the palm and fingers.
4. The glove should be easily laundered/washable for re-use.
5. The palm size and length of the gloves should be as follows:
  - Palm Size 9 inch    Length: 240mm(min) to 250mm (max)
  - Palm Size 11 inch    Length: 250mm(min) to 260mm (max)
6. Gloves shall have Knit wrists with grip so as to fix fit the gloves during operation.
7. The glove should have following mechanical protection as per EN 388 standards.
  - Abrasion resistance – Performance Level 4
  - Blade cut resistance – Performance level 1
  - Tear resistance – Performance level 3
  - Puncture resistance – Performance level 1

- **SAMPLE**

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

- **TEST CERTIFICATE**

1. The supplier shall submit the test certificate along with the bulk supply for following
    - Abrasion resistance – Performance Level 4
    - Blade cut resistance – Performance level 1
    - Tear resistance – Performance level 3
    - Puncture resistance – Performance level 1
  2. The test certificate shall also indicate Batch No. & Date
- **PACKING**

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

Each glove shall be marked with the following information

    1. Supplier identity
    2. BHEL Logo
    3. Month & Year of Manufacturing
    4. Relevant EN certification along with ratings
  - **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.
  - **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.
  - **ENQUIRY SPECIFICATION**

The PI and Enquiry shall carry the specification as "CUT RESISTANT GLOVES" as per BHEL standard \_\_\_\_\_.