



HAND PROTECTION

ELECTRICAL RESISTANCE RUBBER GLOVESCORPORATE STANDARD PPE
SPECIFICATION MANUAL

Rev. No.: 01

Rev. dt.: 30/05/2012

SCOPE

This standard covers the requirement Rubber Hand Gloves for Electrical Purpose.

COMPLIANCE WITH STANDARDS

It shall comply with: (NOTE: This is to be specified clearly in the Tender Enquiry Specification)

Either IS 4770 – 1991 OR EN 60903-2003 OR Both IS & EN Standards.

- 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 material shall be of natural or synthetic rubber, gauntlet type, Type 4 (Exposure voltages:500V, 11kV, 17kV, 25kV, 33kV) of the IS.
- 2) The gloves shall have a smooth finish and the cuff edges shall be finished with a roll or a reinforcing strip of rubber.
- 3) The gloves shall free from defects like patches, blisters, porosity, embedded foreign matter or any other physical defect.
- 4) The gloves shall be of the shape and dimensions given in fig-2, table-6 of the IS.
- 5) The gloves shall conform to the tests as per IS.
- 6) The colour coding of the gloves shall be as per IS.
- 7) The gloves shall be marked with size and type, Max. working voltage, etc as

REVISIONS:

Approved by:

CORPORATE PPE STANDARDISATION COMMITTEE

PPE Rev. No.:	Amnd. No.:	Reaffirmed:	Prepared by:	Issued by:	Issue date:
Date:	Date:	Year:	Corporate HSE	Corporate Office	25.08.2006

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per IS.

SAMPLE

Sample shall be supplied along with 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
 - a) Quality of rubber
 - b) Physical and chemical properties
 - c) Electrical resistance
- 2) The test certificate shall indicate along with the bulk supply for Batch No. & Date

PACKING

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

MARKING

The goggle shall be marked with the following information

- a) Relevant ISI, EN, ANSI marks
- b) BHEL logo
- c) Supplier identity
- d) Month & year of manufacturing
- e) Date & year testing
- f) Test voltage
- g) Working voltage

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.

GUARANTEE CERTIFICATE

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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.

ENQUIRY SPECIFICATION

The PI and Enquiry shall have the latest copy of the specification as “ELECTRICAL RESISTANCE RUBBER GLOVES” as per BHEL Corporate standard _____.

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