



PLANT STANDARD HYDERABAD

HY7780463

REV. NO: 00

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RUBBER HAND GLOVES - ELECTRICAL PURPOSES

1.0 GENERAL:

This standard prescribes requirements of rubber hand gloves used for electrical purposes.

2.0 COMPLIANCE WITH NATIONAL STANDARD:

Shape and size of gloves shall conform to IS 4770 (1991).

2.1 Material of the glove shall be good quality natural or synthetic rubber as follows.

Type	Voltage not exceeding	Material of glove
1	650 AC rms	Natural rubber
2	1100 AC rms	Natural or synthetic or mixture
3	7500 AC rms	- do -
4	17000 AC rms	- do -

3.0 QUALITY REQUIREMENTS:

3.1 Type 1 glove shall be wrist type (close fitting), while type 2, type 3 and type 4 shall be gauntlet type.

3.2 Thickness of the gloves shall be as per table 1 of IS 4770 (1991).

3.3 Dimensions of the gloves shall be as per table 6 of IS 4770 (1991) size 11 (gauntlet minimum 355 mm).

3.4 Dimensions of the gloves shall be as per clause 6.1.1 and 6.1.2 of IS 4770 (1991).

4.0 Sample along with test report to be submitted with offer for our scrutiny.

4.1 Inspection will be carried out at supplier's works by BHEL representative.

Revisions:

Issued :

STANDARDS ENGINEERING DEPARTMENT

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DY.MANAGER,
SAFETY ENGG.

DGM / TS

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5.0 TEST CERTIFICATES:

5.1 Supplier shall submit the following at the time of supply.

- BHEL order number.
- Plant standard number HY7780463.
- Batch number.

6.0 Packing: The gloves shall be packed in polyethelene bags and sealed.

7.0 Marking: The gloves shall be marked indelibly at the back with the following information.

- Size and type of glove.
- Maximum working potential in volts.
- Identification of the source of manufacture.
- Month and year of manufacture.

EXISTING CODES

Sl. No.	Description	Material code
01.	Rubber gloves 10" electrical purpose	HY7780463087
02.	Synthetic hand gloves for electrical purposes 15" (15 kV)	HY7780463125
03.	Rubber hand gloves electrical purposes. Type 4 14" (15 kV)	HY7780463141