



SPEC. NO : 2212-24

REV. NO : 01

2212

SPECIFICATION FOR PPE

GUM BOOTS

1. Gum boots shall be made up of Rubber /PVC material of Duck back Tarzan make.
2. It shall have a inner lining of good quality cotton material.
3. It shall be covered up to the knee and give protection from splashing of chemicals, oil, water, etc.
4. It shall have resistance to acid, alkali and oil.
5. Certified steel toe cap shall be provided.
6. Sample shall be supplied along with offer for approval.
7. Inspection will be carried out at our works with reference to the acceptable sample. BHEL will inspect at works wherever required.
8. Guarantee Certificate to be given for any manufacturing defects along with the consignment for free replacement with in six (6) months from the date of receipt at stores.
9. Gum boots shall be 100% water proof during usage
10. Sole shall be of anti skid design.
11. It shall comply with IS-12254:1993

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SPEC. NO: 2212-27

REV. NO: 00

2212

SPECIFICATION FOR PPE

27. VINYL HAND GLOVES FOR SPV

1. It shall be disposable type, powder free & high chemical resistance.
2. It shall be suitable for use in class 100 clean room during assembly of Solar PV Modules
3. Length shall be of 9 inches (end to end) and width shall be 5 inches (at the middle of the body).
4. Thickness shall be 80 to 120 microns & certified
5. Tensile strength shall be 1300 psi (minimum) and elongation 23 % minimum.
6. Supplier shall submit one pair of glove as sample (non-returnable) along with the offer for evaluation.
7. Shall be fit for use in SPV bay

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SPEC. NO: 2212-28

REV. NO: 00

2212

SPECIFICATION FOR PPE

28. CUT RESISTANT GLOVES

1. The glove shall be made of good quality knitted yarn.
2. The glove shall be Nitrile dipped on the palm and fingers.
3. The glove shall be easily washable for re-use.
4. It shall have wrist cuff knitted of minimum 70mm length.
5. The length of glove should not be less than 240mm and more than 250mm including wrist cuff.
6. The glove shall have efficient mechanical parameters to suit shop floor use.
7. Supplier shall submit guarantee certificate along with its consignment for free replacement in case any manufacturing defects within Three months from the date of receipt at EPD Stores.
8. The gloves shall be packed with individual pair to protect it from dust and damage.
9. Sample shall be supplied along with Offer for Technical evaluation.

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2212

SPEC. NO : 2212-30

REV. NO : 00

Date : 11.02.2019



SPECIFICATION FOR PPE

30. 3M 6000 SERIES HALF FACEPIECE RESPIRATOR

1. The Respirator's Harness should provide good comfort for the user
2. The Harness should be of replaceable type
3. Exhalation Valve should be of low breathing Resistance
4. The connection type must be of "BAYONET" type
5. The Respirator's Material shall be of Thermoplastic Elastomer (TPE)
6. The Respirator must be of cartridge replaceable type

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2212

SPEC. NO: 2212-31

REV. NO: 00

Date: 11.02.2019



SPECIFICATION FOR PPE

31. 3M PARTICULATE FILTER P100

1. The Type of Filter must be Aerosol type (oil & Non-oil)
2. The Filter shall protect from both Gas & vapor particulates
3. The connection type must be of "BAYONET" type
4. The size of the filter shall be approximately 4.3 inches diameter
5. Filters shall be light weight and not cause in convenience to the user

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2212 : 01

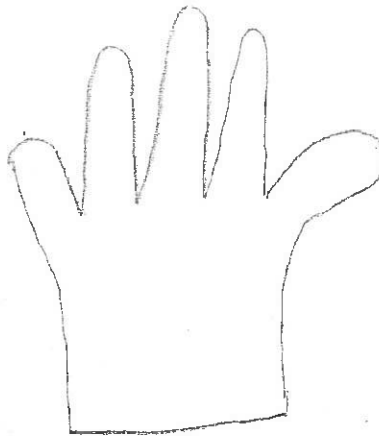
SPEC. NO : 2212-20

REV. NO : 02

SPECIFICATION FOR PPE

20. COTTON HAND GLOVES 12" & 18"

1. It shall be made of good quality, thick cotton canvas cloth
2. It shall be five finger type with reversible pattern
3. It shall have stitches of 2.5mm with the end of all stitching securely back stitched
4. Sewing thread No. 23 shall be used for stitching
5. The sizes shall be 12" or 18" as specified and shall give protection against dirt, dust, oil, grease, cuts, heat, etc., during general industrial use
6. Sample shall be supplied along with offer for evaluation



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2212

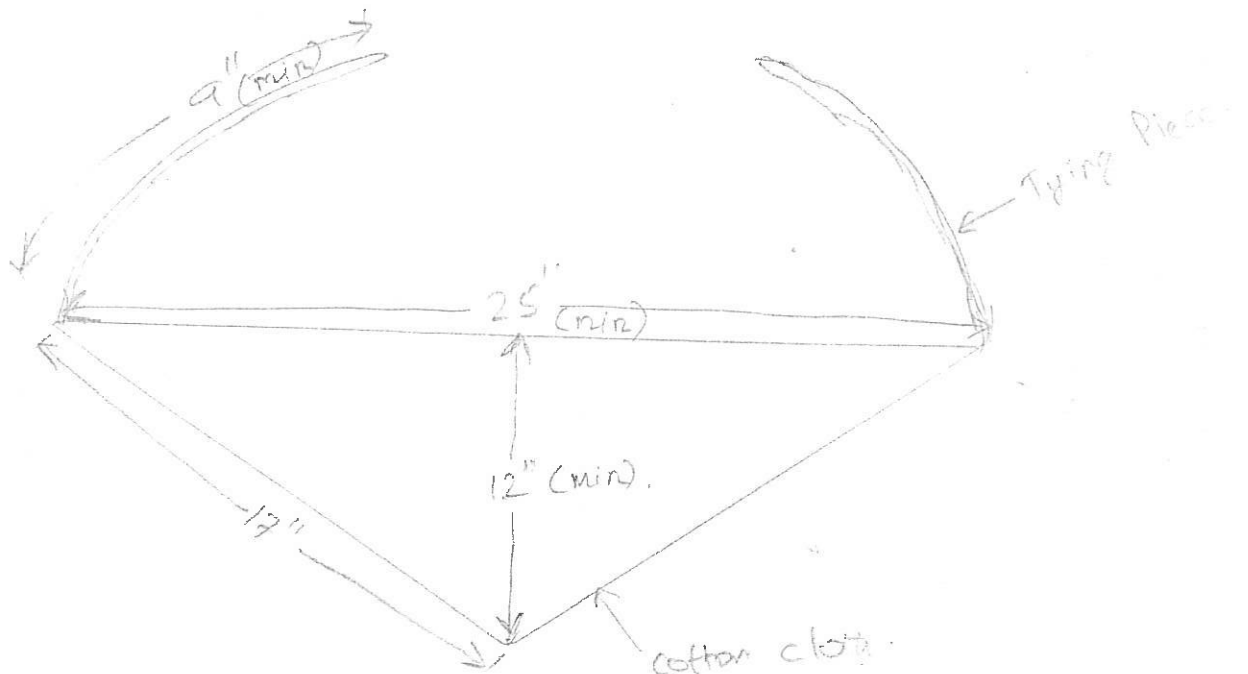
SPEC. NO : 2212 - 16

REV. NO : 01

SPECIFICATION FOR PPE

16. COTTON MOUTH CLOTH

1. Shall be of White Fine Poplin cotton cloth
2. Shall be of double layer with tying arrangement at the sides as shown below
3. Proper stitching of sides to be ensured
4. Dimensions shall be maintained as per drawing



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2212

SPEC. NO : 2212-18
REV. NO : 03
Date : 06.10.2018



SPECIFICATION FOR PPE

18. KNITTED TYPE COTTON HAND GLOVES 8" & 10"

1. The glove shall be made of good quality knitted cotton yarn.
2. Knit construction should allow comfort stretch for excellent fit and allow air to circulate to keep hands dry, comfortable and easy to wear
3. It shall provide protection and safety to palms from cuts, friction, abrasion and heat during industrial use as well as an emergency adverse condition
4. It shall be easy to wear and shall avoid soiling of hands
5. It shall have wrist cuff knitted so as to absorb perspiration, temperature protection and proper fit
6. It shall be available in sizes such as 8 inch & 10 inch (minimum 80 grams and 100 grams per pair respectively) to suit to the shop requirement
7. Glove colour shall be either in black or any other dark colour

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2212

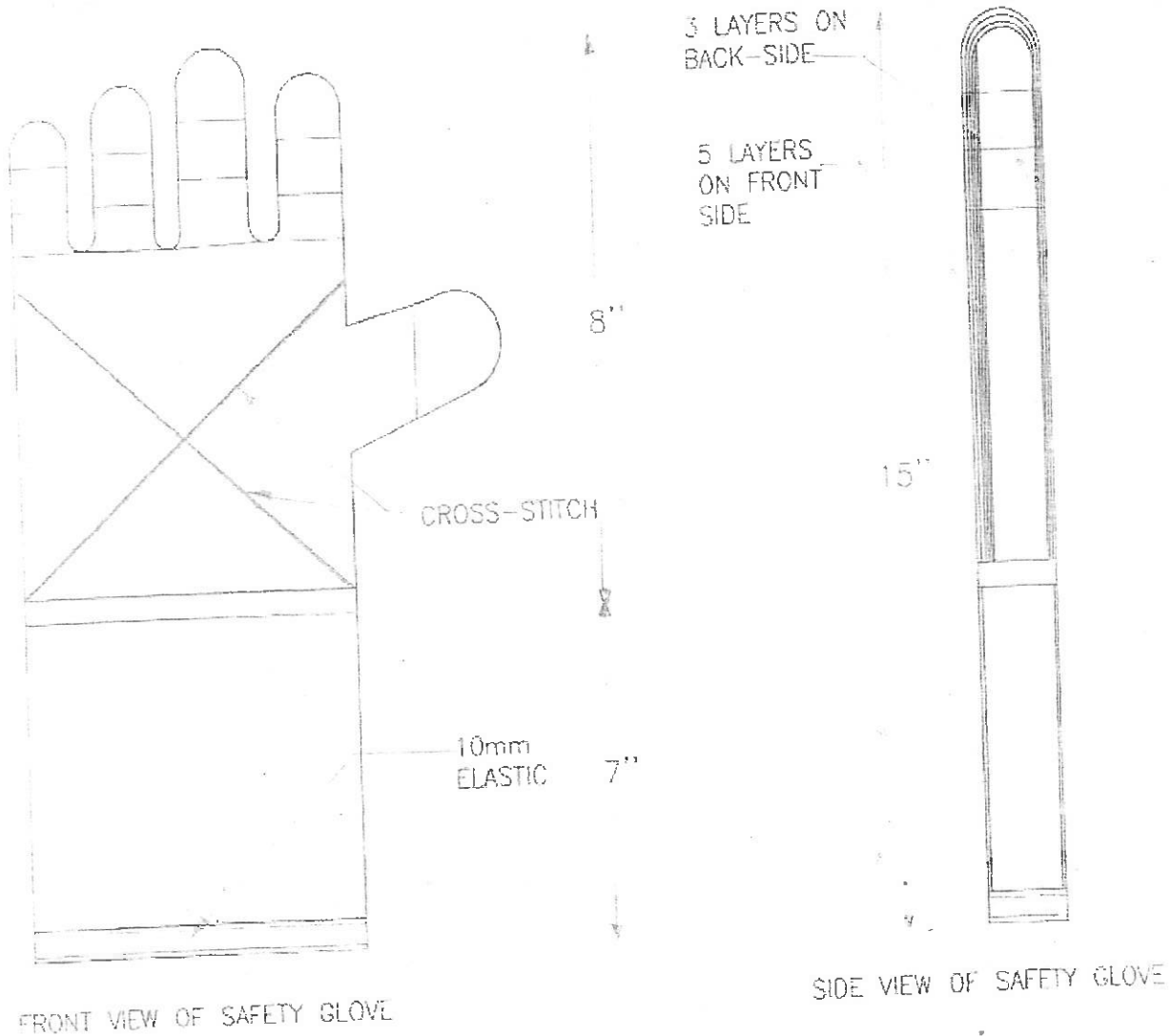
SPEC. NO : 2212-25

REV. NO : 00

SPECIFICATION FOR PPE

Cotton hosiery hand gloves with padded

Page 2 of 2



NOTE: SKECH IS NOT TO SCALE

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SPEC. NO : 2212-19

REV. NO : 01

2212

SPECIFICATION FOR PPE

19. KNITTED TYPE COTTON ELBOW SLEEVES

1. It shall be made of Knitted Cotton Yarn (Heavy type – 6C)
2. It shall be available in Elbow type with elastic material at both ends for holding in position
3. It shall be available in the range of 12" and 15" total length in normal condition
4. Knit construction should allow comfort stretch for excellent fit, allow air to circulate and shall be easy to wear
5. Sleeves shall be finished with external configurations such as pebbling or crinkling to prevent discomfort due to sweating
6. It shall provide protection and safety to Elbow from cuts, friction, abrasion and heat during industrial use as well as adverse conditions
7. It shall be available in sizes such as M(medium),L(large),and XL(extra large) to suit to the shop floor requirement

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