

9

Annexure-A

Welding Leather Hand Glove

Leather: IS: 6994 (Part 1)-1973, IS : 2573-1986

- Chrome tanned cow or young buffalo grain or split leather to conform to the following requirements:

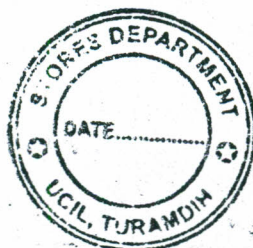
- a) The leather and flesh split shall be of natural color having thickness of 1.0 to 2.0 mm and 1.5 to 2.0 mm respectively;
- b) It shall be soft, pliable and free from flaws or loose fibers;
- c) It shall be treated in such a manner as shall not obscure defects and such that it shall not be stained with compounds of iron;
- d) In case of grain leather, it shall not crack on the grain side when bent grain outwards round a mandrel of 1.5 mm diameter, through an angle of 180 degrees;
- e) It shall comply with the requirements given in Table 1;
- f) The leather shall not contain any chromate extractable by water or dilute acids; and .
- g) The leather should also be treated for mildew resistance.

Thread:

Cotton sewing thread conforming to Variety No. 23 of IS: 1720-1969 shall be used.

Size :

The gloves shall be tested for size and shall fit on a glove iron, the minimum palm circumference of which is 254 mm for men's gloves. The circumference of the fingers and the thumb shall be proportional to the



J. D. *[Signature]*
29/03/13

circumference of the palm subject to normal allowance being made for fourchetts, seams, and thickness of leather between the fingers.

8

Design: Montpelier Pattern & type 4

Length:

Small	300 ± 5 (mm)
Medium	350 ± 5 (mm)
Large	450 ± 5 (mm)

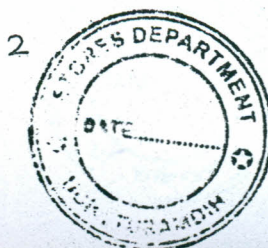
TABLE 1
REQUIREMENTS OF LEATHER
[Clause 4.1.1 (e)]

SL	CHARACTERISTIC	REQUIREMENT	METHOD OF TEST, No. REF TO CL No.
(1)	(2)	(3)	(4)
i)	Petroleum hydrocarbon soluble matter, percent by mass, <i>Max</i>	5	LC : 4 of IS : 582-1970*
ii)	Chromium content (as Cr ₂ O ₃), percent by mass, <i>Min</i>	2.5	LC : 10 of IS : 582-1970*
iii)	pH of aqueous extract Not below	3.5	LC : 18 of IS : 582-1970*
iv)	Double hole stitch tear strength, kg/cm, <i>Min</i>	50	LP : 8 of IS : 5914-1970t
v)	Shrinkage temperature, QC, <i>Min</i>	90	LP : 10 of IS : 5914-1970t

*Methods of chemical testing of leather (*first revision*).
Methods of physical testing of leather.

Stitching

In the case of Clute and Gunn patterns, the glove may be either the inseam or out seam type. In the case of Montpelier pattern, the glove shall be the out seam type. There shall be 6 to 8 stitches per 25 mm with the end of all stitching securely back-stitched. All stitches shall be joined together by a double row of stitching. The completed glove shall be of the inseam type with the stitching on the fingers and the thumb on the inside as a protection.



J. D. Kain
29/03/13

7

Reinforcement

Reinforcement shall be provided between the thumbs and the index finger, to cover the whole of the palm side of the thumb extending the whole length of the index finger and shall be securely sewn down.

Marking

Size

Material

Manufacturer's name

Year of manufacture

Sample -- Bidder must submit one pair of non-returnable sample, along with their offer, failing which the offer shall be ignored.

J. D. ⁺ Kam
21/03/13

3

