

Leather Processing & Tanning Technology Handbook

Author: NIIR Board of Consultants & Engineers

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Leather Industry has been one of the traditional industries operating at present. The hides and skins of animals are the source of leather and preserving hides and tanning them into leather has become an important industry. Leather-making is now a scientifically based industry, but still retains some of the charm and mystery of the original craft. Animal skin that has been processed to retain its flexibility, toughness, and waterproof nature is known as leather. "Leather tanning" is a general term for the numerous processing steps involved in converting animal hides or skins into finished leather.

Tanning is the final process in turning hides and skins into leather. Tanning involves a complex combination of mechanical and chemical processes. The heart of the process is the tanning operation itself in which organic or inorganic materials become chemically bound to the protein structure of the hide and preserve it from deterioration. The main chemical processes carried out by the tanner are the unhairing, liming, tanning, neutralizing and dyeing.

This indispensable handbook provides a detailed insight into the leather industry, leather processing and tanning technology with manufacturing of different forms of leather products. The book contains the manufacturing process of different forms and type of leather products like box and willow sides, glazed kid, sole leather, lace leather, belting and bag leather, chamois leather, upholstery leather, antique leather, light and fancy leather, etc. to name a few. This book will be very helpful to its readers, upcoming entrepreneurs, scientists, existing industries, technical institutions, technocrats, etc.

Contents

1. FROM CRAFT TO INDUSTRY
2. WHAT LEATHER IS AND HOW IT IS MADE
 - Early Methods of Preparing Leather
 - The Sources of Hides and Skins
 - The Nature of Hides and Skins
 - Preparation for Tanning
 - Tanning
 - Dressing and Finishing
 - Colouring
3. THE BOOMING LEATHER INDUSTRY
 - Market

Leather Footwear Industry

4. LEATHER: PUTTING BEST FOOT FORWARD

Major Importing Countries of Indian Leather and
Leather Products

5. INDIAN LEATHER INDUSTRY SHINING BRIGHT

Tanning Industry

Leather Product Industries

Role of Training Institutions

6. CLARI PROCESSOR

Innovation through Engineering

Conventional Wooden Drum

Practical Wise Limitation

CLaRI Processor

7. HIDES AND SKINS

Kips

Slaughtered and Fallen (Dead) Hides

Flaying

8. CURING AND PRESERVATION OF HIDES AND SKINS

Wet Salting

Dry salting or Plaster Curing

Curing by Drying

Common Defects of Hides

Common Defects of Goat Skins

Defects of Sheep Skins

9. OPERATIONS PRELIMINARY TO TANNING

Soaking

Liming

Deliming

Pickling

Tanning

10. FINISHING OF LEATHER

Finishing of Vegetable tanned Leather

Finishing of Chrome Leather

11. MANUFACTURE OF BOX AND WILLOW SIDES BY THE SINGLE BATH PROCESS OF CHROME TANNING

Raw Hides

Green Fleshing

Soaking

Liming

Bating

Pickling

Tanning

A Combined Double and Single Bath Tannage Using Farina Liquor

Shaving

Sorting for Dyeing

Neutralization

Dyeing

Method of Making Different Types of Fat liquor

Striking Out

Setting

Drying

Damping in Sawdust

Staking

Nailing on Board

Pigmenting, Seasoning and Glazing

Boarding or Graining

Manufacture of a Cheap Class of Box and Willow Sides Known as China Chrome in Calcutta

Manufacture of Embossed Chrome Leather for Ammunition Boot Uppers

Chrome Retanned Leather for Army Boots

12. MANUFACTURE OF GLAZED KID

Raw Material

Soaking

Pasting for Unhairing

Liming

Deliming

Puering or Bating

Scudding

Pickling

Tanning

Neutralizing

Dyeing and Fat liquoring

Setting and Drying

Damping for Staking

Staking

Nailing the Skins

Buffing

Re staking

Clearing

Seasoning

Glazing

Ironing

Measuring

Grading and Bundling

13. MANUFACTURE OF CHROME SOLE LEATHER

Raw Materials

Soaking

Unhairing and Liming

Deliming

Pickling

Tanning

Neutralizing

Fat liquoring or Oiling

Process of Making Chrome Sole White

Waxed or Stuffed Chrome Sole Leather

14. MANUFACTURE OF CHROME PICKING BAND AND LACE LEATHER

Raw Material

Soaking

Rounding

Unhairing and Liming

Deliming

Pickling

Tanning

Samming and Shaving

Neutralizing

Fat liquoring and Stuffing

Setting, Drying and Cutting into Straps

Colouring Picking Band

Hairy Bands

Further Processes for Picking Band Leather

Chrome Tanning of Lace Leather

Chrome Belting Leather

15. MANUFACTURE OF VEGETABLE TANNED SOLE LEATHER

Raw Material

Soaking

Liming

Rounding

Deliming

Tanning

Pit Tanning Process

Liquor Process of Pit Tannage

Leaching and Leach Pits

Carrying Out the Process of Liquor Tannage

Drum Tannage of Sole Leather

Finishing of the Usual Pit Tanned Sole Leather

Bag Tannage of Sole Leather

Deliming

Tanning

16. MANUFACTURE OF HARNESS, SADDLERY, BELTING AND BAG LEATHER

Raw Material

Soaking

Liming

Deliming

Tanning

Yield

Currying

Rolling

Glassing

Tallowing in

Finishing

Currying and Finishing of Strap Butts

Finishing Black Harness from Crust Condition

Belting Leather

Drum Stuffing Belting Butts

Leather for Bags, Trunks, Suit cases, etc

Tanning

Finishing

17. MANUFACTURE OF CHAMOIS LEATHER

Theories to Explain Chamoising

Tanning or Chamoising

Oiling and Stocking

Degreasing

Bleaching

Dyeing

Staining

Finishing

Water proofing

Combination Formaldehyde and Oil tannage of

Chamois Leather

18. MANUFACTURE OF JAPANNED AND ENAMELLED LEATHER

Preparation of Leather for Japanning
Preparation of Japan
Villon s Formula of Japan
Davis Recipe
Use of Nitro cellulose in Patent Leather
Manufacture of Chrome Patent Leather
Rough Patent or Varnished Leather Manufactured in Calcutta
Manufacture of Chrome Patent Leather with Various Metallic Lustres
Abu Varnish
Alternative Methods
Abu Varnish (Alternative Method)
19. MANUFACTURE OF UPHOLSTERY LEATHER
Morocco Leather for Upholstery Work:
Manufacture of
Upholstery Hides
Upholstery Leather Prepared with Kepolac Coloured Lacquers
Leather for Furniture, Carriage and Automobile Upholstery
20. MANUFACTURE OF ANTIQUE LEATHER
Chrome Tanned Antique Leather
21. MANUFACTURE OF LIGHT AND FANCY LEATHERS
Leathers from Calf Skins
Velvet or Suede Calf
Leathers from Goat Skins
Leather from Sheep Skins
General Method of Treating Sheep Skins
Suede Leather from Chrome Tanned Sheep and
Goat Skins
22. MANUFACTURE OF HALF TANNED LEATHER FOR EXPORT
Different Barks Used in Tannage
Methods followed in Madras for the Manufacture of
Half tanned or Crust Leather for Export
23. TANNING OF REPTILE SKINS BY THE VEGETABLE PROCESS
Sizes of Lizard Skins
Dyeing and Finishing of Lizard Skins
Other Reptile Skins
Bleaching of Reptile Skins
A German Process of Vegetable Tanning Reptile Skins
24. ALUM TANNING
Typical Recipes
Tawing and Ageing
Calf Kid
Clove Kid
Dressing of Wool Rugs and Skins with Hair on
25. FORMALDEHYDE TANNING
26. WATER PIGMENT FINISHES FOR LEATHER
Materials in Composition of Pigment Finishes
A Few Recipes of Pigment Finishes
Black
Medium Brown
Ox Blood
White
Names of Some Pigment Finishes on Market
Application of Pigment Finishes

Directions for Using Eukesol Dyes
Carpenol Pigment Finishes
Finishing of Box and Willow Sides, i.e.,
Full Chrome Kip Sides
Finishing of Fully Chromed Coloured Calf Skins
Finishing of Fully Chromed Black Box Calf
Finishing Instructions for Hard Grain Goats
Finishing Instructions for Glazed Goat and Sheep
Finishing Instructions for Grain Bellies
Finishing Instructions for E. I. Tanned Kip
Application on Cheap Grade Leather
Recipe of Tung Oil Emulsion
Pigments Suitable for Leather
27. CELLULOSE LACQUERS FOR LEATHER
Manufacture of Cellulose Lacquers
Solvents
Direct Solvents
Cellulose Nitrate Non solvents
Thinners
Plasticisers
Gums and Resins
Dyes and Pigments
Grinding the Pigment
Final Mixing
Application of the Cellulose Finish
APPENDIX I
Principal Materials Required for Chrome Tanning
Principal Materials Required for Vegetable Tanning
Appendix II
Appendix III
Appendix IV
Appendix V
Appendix VI
Appendix VII
Measurement of the Thickness of Leather
Appendix VIII
Appendix IX
Appendix X
Solid chrome extract
Appendix XI
Appendix XII
Appendix XIII
Appendix XIV
GLOSSARY
ABC of Leather Industry

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NIIR PROJECT CONSULTANCY SERVICES , 106-E, Kamla Nagar, New Delhi-110007, India. **Email:** npcs.india@gmail.com **Website:** NIIR.org

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