

A photograph of a woman's lower body and legs, wearing a black dress, fishnet stockings, and red high-heeled shoes. She is holding a red quilted handbag with silver hardware. The image is framed by a large, curved, light-colored border.

**Testing of Footwear
& Leather Products**

*Touching lives through
quality assurance*



Raw & *materials*

FOOTWEAR : Upper, Insole, Outsole,



PHYSICAL TESTS

- Thickness
- Adhesion Strength
- Tear Strength
- Tensile Properties
- Flexing Resistance
- Cold Crack Resistance
- Abrasion Resistance
- Water Vapor Permeability
- Water Vapor Absorption
- Hydrolysis
- Ash Content
- Height of the Upper
- Strap Strength Test – Thongs
- Sandal Strap Attachment – Strength
- Heel Attachment Strength
- Water Absorption & Desorption
- Cut Resistance
- Hardness of Outsole
- Density of Outsole
- Upper/ Outsole and Sole interlayer Bond Strength
- Zipper Strength
- Shoe Lace Strength
- Attachment Strength of Other Components
- Others



COLOUR FASTNESS TESTS

- Colour fastness to Sweat
- Colour fastness to Light
- Colour fastness to Rubbing
- Print Durability- On Printed Thongs(Foot Bed)
- Colour fastness to Saliva (Baby Products)
- Others

Finished p r o d u c t s

Shoe Accessories & LEATHER PRODUCTS

TESTS FOR HAZARDOUS SUBSTANCES

Heavy Metals
pH Value
Formaldehyde
Azo – Colorants
Chlorinated Phenols (PCP, TeCP)
Hexavalent Chromium
PVC Free
Determination of Residual Vinyl Chloride Monomer
Cadmium Content (Plastic and Plastic Coated)
Phthalate Content (Plastic and Plastic Coated)
Nickel Release (For Metallic Components)
Other Restricted Chemicals

ADDITIONAL TESTS FOR SAFETY

(BABY SHOES & ACCESSORIES)
Small parts & Sharps (Points & Edges)
Attachment Strength of Shoe Lace Tags
Tension Test
Torque Test
Test for Zippers
Lead Content (Metallic &
Non Metallic component)
Phthalate Content for Non Metal
Others





Proposed Facilities

- Bangalore
- Ludhiana
- Jaipur
- Ahmedabad
- Indonesia
- China
- Bangladesh

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