



LPE TESTS LABORATORY

The LPE Tests Laboratory offers its services to the footwear, leather and derived industries, counting with technical resources and qualified and prepared human resources. The direction and the personeel are committed to the appropriate professional standards and quality of tests. It assures itself of using test methods according to national and international regulations, which satisfy the needs of our customers, under the most strict confidentiality. It accomplishes international regulation ISO 17025, which measures the confiability of the quality system of the laboratory.

The LPE has counted with the support of the Colombian Institute for the Development of Science and Technology Francisco José de Caldas, COLCIENCIAS, for the acquisition, installation and launching.

Finally, LPE has an active participation and is member of the National Regulation, Certification and Measurement System.

Benefits of using LPE

- *Assure the quality of materials purchased.*
- *Develop technical analysis for alternatives of new materials.*
- *Verify the fulfillment of requirements, according to customers' regulations*
- *Support the development of new products.*
- *Meet and solve guarantee expectations in an objective way.*
- *Verify and control production's critical processes.*
- *Forecast the performance of the final product when in use.*
- *Prepare the products to fulfill obligatory technical regulations.*
- *Pre-test the products offered that will be tested afterwards for international certifications and stamps.*

Industrials that use LPE services can:

- *Establish the distension capacity of leather, amount of grease, tear strength, continued flexion resistance, water proof and water absorption characteristics, as well as finish resistance.*
- *Know the flexion resistance, tear and compression resistance, hardness, density, resistance to abrasion and to combustible products, as well as electrical conductivity of soles and heels made of rubber and other polymers.*
- *Evaluate resistance of synthetic materials for uppers and linings, to traction, weight per area unit, elongation, tear strength and resistance to stitches.*
- *Determine thread and fibres breaking strength and tex, as well as laces resistance.*
- *Find out resistance to corrosion of metal parts used in decoration and fittings.*
- *Measure the number of threatens, heat and tension resistance, elongation breaking strength and thickness of textiles and covered fabrics.*
- *Determine adhesives contents of solids and pasting capacity, as well as evaluate soles adhesion to uppers and to the rest of assembled parts.*



Laboratory Facilities:



Leather laboratory



Rubber and soles latoratory



Chemical tests laboratory

**LPE
TESTS LABORATORIES**

**Calle 17 No. 68B-68 - PBX 571-4050891 FAX 571-4055112
571-4053033**

Bogotá, Colombia

www.laboratorioatlas.com

lpelaboratotio@gmail.com