

TESTING: A VALUE ADDED PROPOSITION

J.A. King Testing Division

Lisa Messenger & Jim Greer



J.A. KING

PRECISION MEASUREMENT PROFESSIONALS

WHAT IS THE VALUE IN TESTING?

- Warranty Claims
- Safety/Litigation
- Regulatory Reasons
- Manufacturing/Productivity
- Reliability/Durability
- Engineering, Design, Protection, and Development
- Customer Satisfaction



J.A. KING TESTING SERVICES

Environmental Testing:

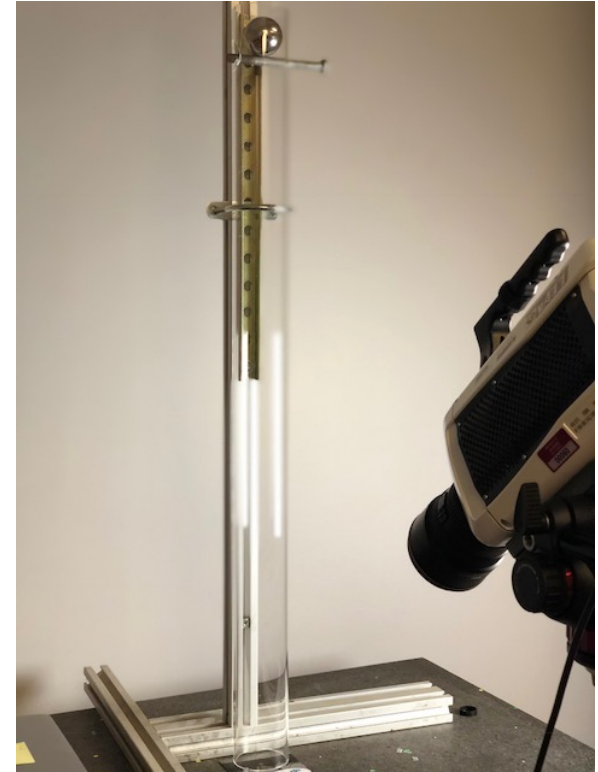
- Temperature and Humidity
- Condensing Humidity
- Icing and Deicing
- Sun Simulation
 - Full Spectrum Analysis
 - Xenon Arc
- Salt Spray – NACL and CASS



J.A. KING TESTING SERVICES

Materials Testing:

- Cross Hatch
- Surface Energy
- Density
- Tensile/Compression
- Color/Gloss
- Viscosity/Porosity
- Ball Drop Testing



J.A. KING TESTING SERVICES

Chemical Testing:

- Flammability
- Odor Testing
- Mold/Mildew Testing
- Chemical/Media Resistance
- Water Jet/Spray Testing



J.A. KING TESTING SERVICES

Airbag Systems Testing:

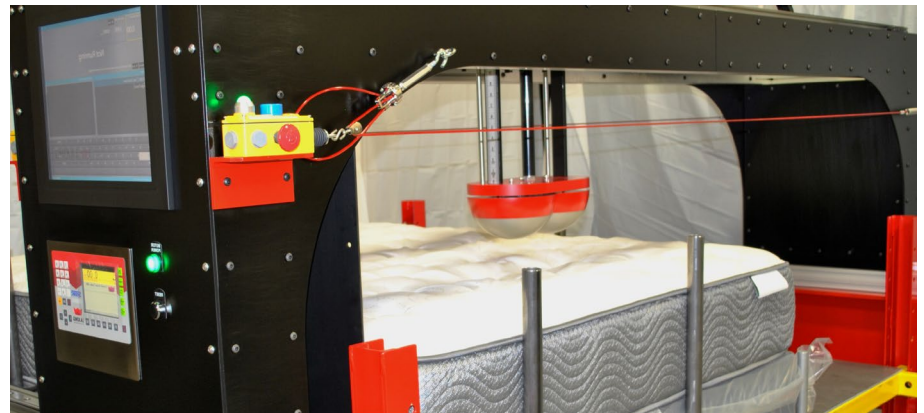
- Airbag Deployment Testing
- Airbag Occupancy Testing
- Airbag Disposal Services



J.A. KING TESTING SERVICES

Specialty Testing/Custom:

- Development/Quality Engineering Support
- Test Design and Review - (When No Standard Exists)
- Reliability/Durability Testing
- Life Cycle
- Functional Testing
- Fixturing Support
- Onsite Testing Services



WHY CHOOSE J.A. KING?

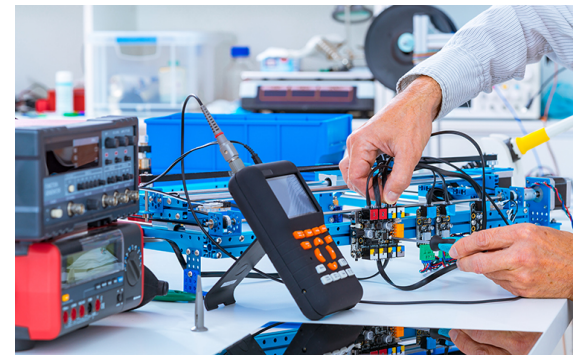
80+ Years of Testing Experience

- Testing experience in 7 major industry segments, Motorized Vehicles, Aerospace, Consumer Products, Food and Beverage, Chemical, Energy and Life Sciences.
- Industry Business Managers that support these industries and stay up to date on the latest trends in measurement and testing.
- Engineering support to include test design and rig design and build.
- Complete test package concept for a one stop shop.
- Metrology services in-house for measurement after test.

UPCOMING EVENTS

Webinars:

- Sun Simulation – In depth discovery of methods and when to apply certain test protocols.
- Airbag Deployment Testing – Conformance of Production Testing and why it is critical to airbag safety.



Visit the [webinars section](#) at [jaking.com](#) for more information.