Aerospace Industry Newsletter - Q2 2018

Are your crimps holding up? J.A. King Crimp Tool Calibration Services

Crimping is used for installations and wiring repairs in a variety of industries. Over time, the working parts of crimpers can become worn, resulting in inadequate terminations. Routine calibration of crimpers is necessary to ensure crimp security, especially in critical aviation applications.

Calibration verifies the tool's performance to specifications and detects any necessary adjustments. The frequency of calibration depends on the frequency of use, but typically crimper manufacturers recommend either annual calibrations or after a specific number of crimps.

J.A. King can provide calibration for a wide range of crimpers including handheld, hydraulic, and pneumatic crimp tools from a variety of manufacturers. Calibrations are available on-site at your facility or in one of our 16 ISO 17025 accredited labs. You can have the utmost confidence in your crimp connections with calibration from J.A. King.

LEARN MORE

Product Spotlight: Mountz PTT Series Torque Meter

Validating that the proper torque has been applied to a screw or bolt is necessary to ensure product quality and reduce failures. The Mountz PTT Torque Meter makes torque control and quality documentation easier and faster.

This portable torque analyzer is designed for auditing, torque calibration, joint testing, as well as force and load measurement. It provides torque and angle measurement and can be used for screwdrivers, wrenches, or power tools.

Other features include:

- ARCII technology provides instant, auto-recognition of the Mountz torque sensor connected to the PTT
- Seven units of torque measurement and two units of force measurement
- Features built-in Tool Tests operation
- Stores a total of 5,000 data points

….plus many more!

Click to Download Product Literature

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Surface Finish: Learn more in our on demand webinar

Surface quality is a critical aspect of manufacturing. Surface finish can affect the integrity, performance, and life span of machined parts. Variations in surface finish influence a variety of characteristics including friction control, corrosion resistance, effective lubrication, and wear resistance.

Therefore, measuring surface geometry is necessary in order to control the manufacturing process and predict the performance of machined components, such as fuel injectors and cylinder bores.

To learn more about surface finish measurement, watch J.A. King's webinar presented by metrologist David Gray.

There are a variety of gages available to measure surface finish, both contact (stylus profilers) and non-contact (interferometers). Stylus profilers are the most common type of surface finish gage, and portable configurations are available for large parts such as crankshafts.

J.A. King offers a full line of surface finish testers and provides ISO 17025 accredited calibration services for roughness specimens and analyzers.

REQUEST A QUOTE

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