



Motorized Vehicles Industry Newsletter - Q2 2018

Are you ready for the transition to IATF 16949?

The deadline for transitioning to IATF 16949: 2016 is rapidly approaching. The new standard is meant to deal with new challenges and the constant change inherent in the automotive industry. Some of the main changes include a major focus on risk mitigation, integration of common industry practices previously found in customer-specific requirements (such as temporary change of process controls), and additional requirements for first and second-party auditor competency, manufacturing feasibility, and warranty management. There is also an entirely new section on product safety in the IATF standard. All the changes may seem overwhelming, but J.A. King is here to help.

J.A. King can help ensure that your calibration program is audit ready. Section 7.1.5.3.2 requires external calibration providers to be ISO/IEC 17025 accredited. In a change from TS 16949, this section now also requires calibration certificates to contain the mark of the national accreditation body. J.A. King has 17 ISO 17025 accredited labs, and is accredited to calibrate over 120 measurement parameters. We can provide the accredited calibrations you need for IATF 16949 compliance.



The IAOB has released the latest list of Top Major Nonconformities. Click the link below review the list.

[REVIEW TOP NONCONFORMITIES](#)

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.

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](#)



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