



## **Lab Panels vs. Production Panels for Calibration**

The PELT Calibration Lab requests that calibration panels be prepared on the production process line instead of painted in a lab. We have compared many lab-sprayed panels to production-process panels and find that they often do not yield the same calibration results. The production process panels better reflect the coating characteristics, thereby giving better calibration results and PELT accuracy on production parts.

During pre-launch production calibrations and testing it may be necessary to perform initial calibrations on panels generated in a lab. In these cases, we request that production conditions be duplicated as closely as possible when preparing the lab panels. The PELT Calibration Lab requires that customers sign an authorization form when choosing to submit lab panels to verify that the customer is aware the calibrations may not be as accurate when measuring production units as calibrations generated from production samples. This also highlights to customers that production samples should be submitted as soon as they become available, so any necessary adjustments to the calibrations can be implemented to give the most accurate PELT measurements possible.

We thank you not only for your PELT equipment and calibration business but also in assisting us to provide the most accurate calibrations possible for your process.