



DEVCOM
ARMAMENTS
CENTER

QE&SA QUALITY EVALUATION LABORATORY (QEL)

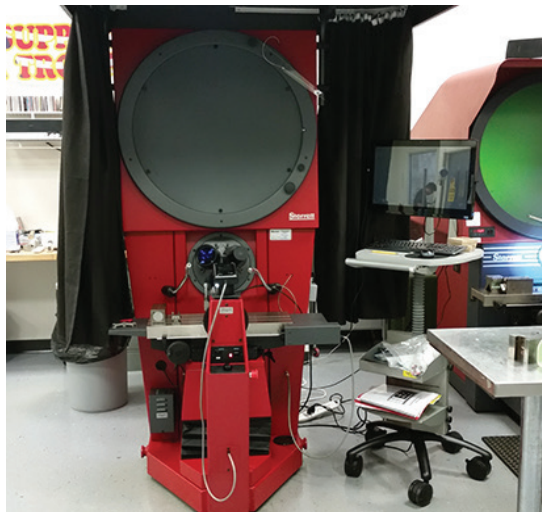
LABORATORY INFORMATION FACT SHEET

CONTACT US:

Technology Transfer Office

Email: usarmy.pica.devcom-ac.mbx.t2@army.mil

v.02

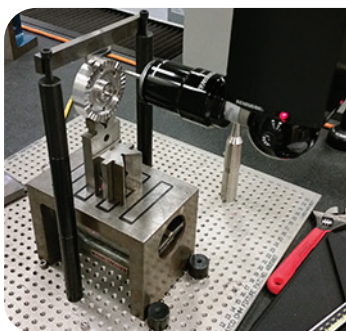
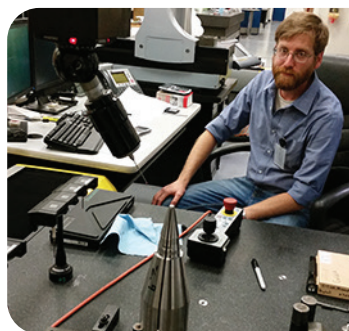


The Quality Evaluation Lab (QEL) is a dedicated Quality Engineering and Systems Assurance (QE&SA) Lab which performs Physical Measurement Evaluations for numerous customers and government agencies.

TECHNOLOGY/FACILITY DESCRIPTION:

The QEL offers the services of highly trained, certified, and experienced inspection specialists with access to the latest in measurement devices, including Coordinate Measurement Machines (CMM) as well as a full

compliment of standard measurement equipment and TMDE. These evaluations are performed at various stages of a products Life Cycle including early stages of development, First Article Acceptance Testing (FAAT), production, and Product Configuration Audit (PCA). Additionally, the QEL provides inspection support during Malfunction Investigations and various research and development activities/efforts.



EQUIPMENT AND EXPERTISE AVAILABLE:

- Three Hexagon Programmable Coordinate Measurement Machines (CMM)
- Romer Arm (Portable CMM) with optical scanning head
- Hommel optical scanner
- Optical Comparators
- Digital Microscope
- Wide variety of Standard Measurement Equipment and TMDE
- The staff in the QEL has over 75 years of combined experience in manufacturing, inspection techniques and measurements
- Our highly skilled CMM staff performs various programming tasks on a daily basis. The team members of the QEL can provide GD&T Services, Drawing Interpretations, input for design of gaging, recommend methods of inspection, and troubleshoot suppliers' measurement issues (including CMM program issues)