



OPTICAL SURFACE QUALITY STANDARDS LABORATORY

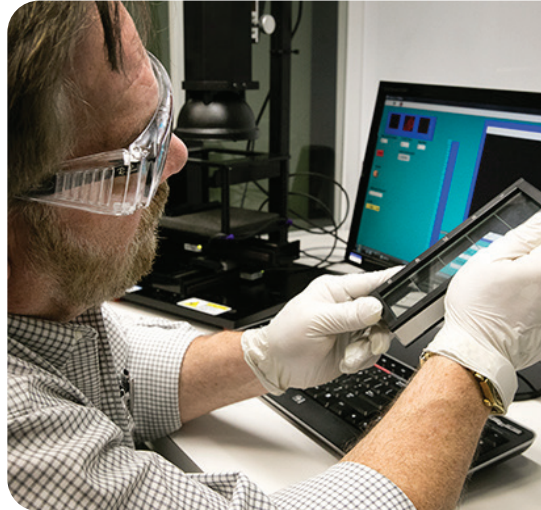
LABORATORY INFORMATION FACT SHEET

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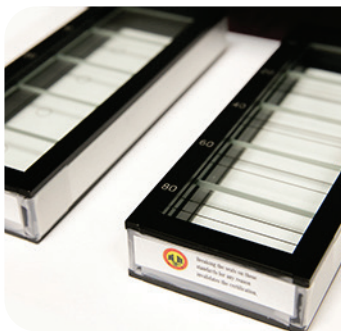


The Optical Surface Quality Standards Laboratory, certifies the Surface Quality Standards also known as Scratch and Dig, for the Manufacture, Assembly & Inspection of Optical Components for Fire Control Instruments.

TECHNOLOGY/FACILITY DESCRIPTION:

Quality Engineering and System Assurance (QE&SA) evaluates and certifies these Standards on an annual basis. The Standards are used on government contracts for monitoring the size of allowable

defects on an item. The Surface Quality Standards Certification Program (Scratch and Dig) is a Government requirement mandated by the selection of clause "ARDEC 37" on the Contract Clause Selection Sheet (Form 367-E) in a contract. MIL-PRF-13830 Rev. B General Specification Governing the Manufacture, Assembly & Inspection of Optical Components for Fire Control Instruments requires surface quality standards. The lab has a Savvy Optics Corp. SIF-4 Optical Inspection System, which provides a unique capability to consistently and objectively compare field Standards to the Master Set of Calibration Standards. The Savvy Optics Corp. SIF-4 system removes technician subjectivity in certifying Standards per contract requirements.



EQUIPMENT AND EXPERTISE AVAILABLE:

- SIF-4 Optical Standards Inspection System
- Master calibration set