

Quality Assurance Group



LASP Quality Assurance Group is involved in hardware and software development from the preliminary design phase through launch. Our quality assurance expertise is available to help you achieve your quality goals.

LASP's approach to quality management is designed around the ISO 9001:2008 standard for quality systems. All elements of the ISO model are incorporated into the quality management system. A focus on continual improvement, regular review, and assessment of the system's elements and processes helps to ensure our effectiveness in producing reliable spaceflight hardware and software.

LASP's quality management philosophy includes the belief that quality and safety are the responsibility of every employee who participates in any program at any level. This ideology combined with exhaustive test programs and attention to details has proven to be a successful approach at LASP.

The Quality Assurance Group ensures that a wide range of requirements for quality and mission assurance are met for LASP's programs. Some agencies and clients require verification—at every stage in the process—that instrument and component development is documented and verified to meet

required specifications. Whether intended for critical spaceflight or commercial purposes, we design and implement quality plans adapted appropriately to the needs of each client and project.

LASP Quality Assurance Group services include:

- Checking procurement documentation
- Inspecting the parts and materials purchased from vendors
- Handling any nonconformance issues
- Inspecting in-process assembly for conformance to design requirements
- Providing an internal “check and balance” system for our work

The Quality Assurance Group provides in-house training to LASP personnel for specialized topics such as electrostatic discharge control, cleanroom practices, workplace safety, and hazardous waste handling. Workmanship and inspection certification training for soldering, cabling, and polymerics helps to assure that our processes meet or exceed both NASA and IPC specifications.

To read more about the Quality Assurance Group, visit: <http://lasp.colorado.edu/home/engineering/eng-capabilities/eng-quality-assurance>, or contact Trent Taylor at 303-735-5587 or trent.taylor@lasp.colorado.edu.

The Laboratory for Atmospheric and Space Physics (LASP) combines all aspects of space exploration through our expertise in science, engineering, mission operations, and data management. As an institute at the University of Colorado Boulder, LASP includes students throughout our activities. Learn more at <http://lasp.colorado.edu>.