

advanced
coatings

cleaning and
refurbishment

original parts
manufacturing

quality
assurance

QUALITY

Assurance and Engineering

Quality Management

At NxEdge, we are committed to meeting the high quality standards that our customers demand. We continuously work to refine processes and invest in our world-class workforce to maintain excellence in quality management and operational efficiency.

We operate an ISO-certified coating and manufacturing facility in Boise, Idaho, featuring:

- QA Lab with Coordinate Measuring Machine (CMM) for dimensional verification
- ISO 9001 certified facilities, with regularly calibrated and maintained equipment
- Class 100 clean room with QIII Particle Monitoring

Tools and Capabilities

- Surface roughness profilometer
- Optical comparator
- Coating thickness mapping
- CMM critical parts measurement
- Vacuum leak checking
- Class 100 clean room packaging and double bagged
- Particle monitoring
- SPC data management
- Meta Serv polisher
- Buehler Harness Testor
- Microscopes
- Solartron Electrochemical Impedance Spectroscopy
- Hitachi S-3000N SEM/EDAX
- Tensile Testing
- Autoclave Oven



Processes

- ISO 9001 certified
- Integrated Statistical Process Control (SPC) for precision control and repeatability
- Detailed work order documentation
- TQM training
- Integrated document control

Engineering Excellence

At NxEdge, we apply our engineering resources to meet the ever evolving needs of our customers. Novel coatings, specialized hardware engineering, process design and optimization, and materials science R&D are all part of our ongoing efforts to provide flexible, enabling solutions.

Our highly experienced engineering team works closely with customers to develop the right solution, at the right time, for the right application. While other companies may innovate with the customer in mind, NxEdge innovates with the customer on site, or with NxEdge at the customer's site, to create specific, tailored engineering solutions.

The NxEdge quality system at our Boise, Idaho, location is registered as an ISO 9001-2000 facility.



ISO 9001:2001



Quality Assurance

