



# LIFECYCLE SPECIALTIES

## Capability Statement

At Lifecycle Specialties, our mission is to design and implement the best remanufacturing and manufacturing processes, throughout the lifecycle of a component, to enable our customers to reduce cost and time while improving quality.

### Engineering and Consulting

- Usable and practical solutions
- Process development
- Process improvement
- Project management



### Manufacturing and Remanufacturing

- Target complex, precise, and challenging components
- Develop new remanufacturing processes
- Suggestions and advice to improve existing remanufacturing processes
- Remanufacturing of “imperfect” new components
- “First fit” manufacturing
- Cost reduction in materials and cycle time

### Why Lifecycle Specialties?

- 50+ years of experience in
  - Engineering
  - Manufacturing & Remanufacturing
  - Quality & Six Sigma
- ISO 9001:2015 certified
- Industry network with thousands of relevant connections
- Certified as WOSB by SBA & WBE by WBENC
- Environmentally friendly solutions



**SBA WOSB**  
Woman Owned Small Business



### Capabilities

- CNC milling
- CNC turning
- Cylindrical grinding
- Surface grinding
- Honing
- Surface lapping
- EDM
- Water jet
- 3D and CAD drawing services
- Metrology services

### Past Projects

- Developed processes to remanufacture, convert, and machine mechanical components
- Developed and produced an innovative gauge to measure engine gear backlash which has been implemented as a high volume production quality check
- Provided project management and engineering support to assist large company in resourcing hundreds of components to lower cost suppliers
- Created a *Remanufacturing Book of Knowledge* for a global company with detailed illustrations and examples tailored to their specific operation

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