



# Concepts NREC

## MANUFACTURING CAPABILITIES

### TECH SPECS

### CORE COMPETENCIES

- **TURNING**  
Size .05 thru 38" diameter  
Tolerances down to +/- .0001
- **MILLING**  
Size up to 38" diameter  
Tolerances down to +/- .0001  
5-axis profile tolerances down to .002
- **LATHES**  
Haas SL20 equipped with a 8" chuck  
Feeler FT350 equipped with a 15" chuck  
& C-axis live tooling  
Motch VTL equipped with a 25" chuck
- **5 AXIS MACHINING CENTERS**  
Hermle C40 U  
Hermle C42 U  
Mikron HSM 600 U  
Mitsui Seki HS5A-80
- **5 AXIS MILL TURN**  
Hermle C52 mill-turn

- 5-axis machining of blades, blisks, inducers, propellers, shrouded impellers, turbomachinery parts
- Component assembly
- Concurrent manufacturing/engineering
- CMM inspection
- Dynamic balancing and modal analysis
- Testing and validation for integrity and performance
- Prototypes and production runs
- Reverse engineering of obsolete parts
- In-house laboratory testing
- Design audits and scoping studies
- Research and development

### INDUSTRIES

AEROSPACE	OIL & GAS	GREEN ENERGY
INDUSTRIAL	TRANSPORTATION	CONSUMER GOODS

### PERFORMANCE

### COMPANY DATA

- DUNS # 080084881
- CAGE code 0C770
- ITAR registered
- ISO9001:2015
- AS9100:2016
- SBA-Certified Small Business

### INQUIRIES

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