Our uncompromising pursuit of quality and improvement in all processes has positioned Horsburgh & Scott as one of the highest quality designers and manufacturers of industrial gearing and gearboxes in the world.

QUALITY POLICY

Rapid Response to our Customers and their needs
Integrity in everything that we design, manufacture and service
Serve our Customers with quality products and services
Exceed our Customers’ expectations

R I S E and Deliver the Difference!

CULTURE OF OPERATIONAL EXCELLENCE AND CONTINUOUS IMPROVEMENT

Our Lean/Six Sigma Staff Improves:

- Manufacturing processes
- Process consistency

QUALITY ASSURANCE

Quality-centric individuals and teams have positioned Horsburgh & Scott as one of the Highest-Quality Designers and Manufacturers of Industrial Gearing.

- Engineering analysis and upgrades
- Reverse engineering
- Sophisticated tools and practices to follow rigorous standards, including AGMA, ISO 9001:2015
- Gear cutting (AGMA class 10)
- Gear grinding (AGMA class 14)
- Zeiss Coordinate Measuring Machine (4 x 4 x 2m) within 2 micron accuracy
- Ultrasonic testing (UT), Mag Particle testing (MT), Visual testing (VT), and Penetrant testing (PT)
- On-board lead & involute checking
- Specialized metallurgical testing for heat treat
- Nondestructive testing (NDT)
COMPANY OVERVIEW

TURNKEY GEARING SOLUTIONS

- Design to Manufacturing
- Repair & Rebuild
- Field Service - 24/7 service, Installation & Repair
- Reverse Engineering and Performance Upgrades
- Gears up to 24 ft. (7.3m) in diameter and 287 in.
- Gearbox Types: including Planetary, Concentric, Parallel Shaft, Split Power Path, Right Angle, Multi-Speed
- In-house Heat Treating and Carburizing up to 50,000 lbs. (22,000 kg)
- Induction Hardening to 5m in diameter or 30,000 lbs. (13,000 kg)
- Inspection and Testing

REBUILD, REPAIR FIELD SERVICE

Rebuilt & Repaired thousands of Gearboxes, and have a library of drawings across 120 brands.

- Detailed inspections and evaluations
- Dynamic modeling and optimization recommendations
- Emergency breakdown service and repairs
- No load spin testing
- Equipment evaluation/analysis
- Gear alignment
- Installation and startup supervision
- Lubrication system evaluation
- Nondestructive testing (NDT)
- On-site machining
- Preservation and long-term storage
- FARO Arm
- Rebuilds of all manufacturers
- Re-ratios and engineered upgrades to gears and housings
- Reverse engineering
- Spare OEM parts
- 24/7 Rush Breakdown Service

SOLUTIONS FOR MANY END MARKETS AND APPLICATIONS

- Metals
- Mining
- Pumps
- Sugar
- Oil & Gas
- Cement
- Agriculture
- Wind Energy
- Tire & Rubber
- Power Generation
- Transportation
- Infrastructure
- General Industrial

INNOVATIVE EQUIPMENT

- Fellows 65-16 Shaper with full CNC controls
- Giddings & Lewis VTC 2000 vertical turning
- Gleason-Pfauter P1600/2000 hobber/gasher
- Gleason-Pfauter P2000G form grinder
- Gleason-Pfauter P2006 form grinder
- Gleason-Pfauter P2400/3000 hobber/gasher
- Hofler R1600/2000 form grinder
- Hofler R6000 form grinder
- Hofler 1600 form grinder
- Schiess horizontal boring mill
- G&L 3500 vertical turning center
- Farrel 50 ft. vertical turning center
- Aichlin pit furnace (2)