Chalmers & Kubeck, Inc.

SETTING THE INDUSTRY STANDARD SINCE 1950

Emergency Service & Support 24/7/365 • ISO 9001:2015 Registered

www.CandK.com 10 CFR 50 Appendix B • NR Certificate of Authorization (Stamp # 105)

CNC / PRODUCTION MACHINING

- Precision Manufacturing for Major Industrial O.E.M.s • 50 Ton Overhead Crane Capacity
- CNC Horizontal Mills: 30' Long x 13' High • CNC Vertical Turning: 32' Diameter x 10.5' High

GEAR MANUFACTURING & REPAIR – *AGMA Member since 1989*

- Complete Overhauls of all O.E.M. Speed Increasers & Reducers • Drive Replication / Upgrades / Replacement
- **FLENDER®** Service Partner • **HYDAC** Lubrication Systems • **SEW-EURODRIVE** Authorized Service Partner
- HÖFLER 2000: Precision Gear Grinding up to 74" Diameter - Internal Spur and Helical Capabilities
- Field Services: Alignments, Borescope Predictive Maintenance Program, Overhauls, Replacement Solutions

HYDRO TURBINE SERVICES – INSPECTION, REPAIR, RESTORATION & NEW UNIT INSTALLATION

- Turn-Key Services: Onsite Disassembly / Reassembly, Line Boring, Balancing, Blasting & Painting, Shop Assembly
- Kaplan Runner Refurbishment and Turbine Parts: Headcover, Bottom Ring, Wicket Gates, Bearings, etc.
- With Selected Partners, Generator Rewinds / Rotor Pole Re-Insulation

MAINTENANCE MACHINING & ROTATING EQUIPMENT REPAIR

- Nuclear and Engineered Pumps Overhauled to O.E.M. Specifications • Line Boring of Split Case Housings
- Fabrication & Manufacture of all Pump Components, Dynamic Balancing, Hydrostatic Testing, and Upgrades
- Casting & Pump Casing Repair
- Complete Overhauls of Vacuum Pumps, Turbines, Compressors, Bearing Housings, Blowers, Centrifuges, Fans & Heat Exchangers
- Vertical Turning: 14' Diameter x 14' High
- Lathe: 30' Long x 91.5" Swing with Tool Post Grinding
- FARO® Laser Tracker and FaroArm® Inspection Services
- Field Machining & Outage Support Services

THERMAL SPRAY & SURFACE FINISHING

- Dimensional Restoration & Protective Coatings: Electric Arc, High Velocity Oxygen Fuel (HVOF), High Pressure HVOF (JP-8000), Plasma Arc and Fused Thermal Spray Coatings • Eutalloy SuperJet-S Spray & Fuse
- Cylindrical Grinding (ID/OD), Vertical Grinding (ID/OD), Surface Grinding, and Super-Finishing

VALVE, ACTUATOR, AND INDUSTRIAL PRODUCTS – *Factory Authorized / Trained & Certified Technicians*

- Safety / Pressure Relief Valve (PRV) Assembly, Testing, and Certification:
  - ASME: **"V"** (Section I – Boiler PRVs) & **"UV"** (Section III – PRVs)
  - National Board: "**VR"** (Section I, III (Class 2 & 3), VIII Division I) & **"T/O"** (Test Only)
- Expert Shop & Field Support: Control Valves, Line Valves, Actuators, Inline Testing, Safety/PRVs
- **CONSOLIDATED** (Dresser) **–** Safety Relief Valve Assembler & Distributor* / Authorized Service / Field Support
- **CORNERSTONE VALVE –** Distributor: Top Entry Rebuildable Severe Service Ball Valves / 5-yr "Zero Leakage"
- **HP VALVES / KVT / BVT Sweden** – Isolation, Control, and Stem Conditioning Valves & Parts
  - Authorized Dealer / Authorized Service / Field Support
  - Also Supporting Dong Eun & HJ Valve through HP Valves
- **LIMITORQUE** Actuators – Largest East Coast Distributor* / Authorized Service / Field Support
- **CLARK-RELIANCE®** Boiler Trim • **JERGUSON®** Level Indication • **JACOBY-TARBOX® HYGIENICS™**
- **VELAN** Line Valves – Power Market Distributer / Service • **DURCO** Plug Valves – Black Tie Plus Service Center

* Note: for Nuclear, Product & Parts Sales are restricted to Balance of Plant (BOP) Applications

WELDING & FABRICATION

- *Certifications:* **"R"** (National Board Repair), **"U"** (ASME Pressure Vessel), **"PP"** (ASME Pressure Piping)
- Welding to **ASME B31.1** (Power Piping), **ASME 31.3** (Process Piping), **ABS**, and **API** Standards
- Numerous Alloys • Brazing • Pressure Vessels • Heat Exchangers / Channel Boxes • Blowers & Fans • Fixtures
- High Performance 5-Axis Water Jet: 8'2" x 13' x 12"; 0° to 90° cutting w/ angular precision of ± 1/60°

150 Commerce Drive, P.O. Box 2447, Aston, PA 19014-0447

Main Office & Plant: 610-494-4300 **Fax:** 610-485-1484

Valve & Actuaton Division: 610-494-7030 **Fax:** 610-497-9777