

## MECHANICAL FLANGE-TO-FLANGE DESIGN AND DRAFTING

### Systems **Generally Supported:**

- Compressed Air
- Compression Section
- Load Coupling
- Hot Gas Path
- Electrical Power
- Lubricating & Lube Oil Systems
- Fuel Systems
  - Liquid
  - Gas
- Combustion
- Exhaust Air Handling
- Fire Protection
- Hazardous Gas Detectors
- Cooling Water Systems
- Cold Section

### Examples of **Components Developed:**

#### Compressor & Turbo Expander

- Bearing
- Keys
- Shim Sets
- O-ring Sets
- Hardware Sets
- Retaining Screw & Washer
- Inlet Casing
- Inlet Guide Vanes
- Wheels
- Stator Blades
- Rotor Blades
- Compressor Casings
- Seals
  - Brush Seal
  - Honeycomb Seal
  - Back Labyrinth Seal
  - Compressor Wheel Back Seal
- Coupling Guards
- Cover End
- Flange End

#### Combustion Arrangements

- Combustion Can
- Flame Detector
- Spark Plugs
- Fuel Nozzles

#### Reciprocating Compressor

- Frames
- Cylinders
- Crankshaft
- Pistons
- Rods
- Bearings
- Fittings

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