CRANE®

Energy Flow Solutions

The Valve Experts

Oxygen/Ethylene Oxide/Chlorine Cleaning

Oxygen Cleaning Room

Cleaning for oxygen service valves, instruments and components is a critical process that requires a specially equipped facility and a trained staff of technicians. If not performed correctly, particles left as a residue may hinder the operation of valves, sensors and controls by causing excessive friction in moving parts. This friction may create a hazardous situation by becoming an ignition source.

CRANE has a fully-equipped, climate controlled Cleaning Room at our Houston, TX facility. Our cleaning methods include wiping, flushing and immersion. Our capabilities enable us to clean most devices used in oxidizing services, including: control valves, relief valves and instrumentation.

The Cleaning Process includes Inspection, Testing (Helium/Nitrogen), Packaging and Labeling. See the back of this brochure for more information on our Cleaning Process.

The Cleaning Process

Service Benefits

- Oxygen cleaning process to Praxair GS 38 requirements and specifications
- Cleaning processes for equipment used in Chlorine, Ethylene Oxide and Phosgene service
- Self-contained, positive pressure, climate-controlled clean room to control access, dust, oil and vapors
- Dry Nitrogen or Helium testing
- Special packaging processes
- Trained clean room technicians

O_2 Cleaning Services

Our Cleaning Process includes:
Deburring, Cleaning, Drying, Inspection, Assembly (as required), Testing, Documentation, Packaging, and Labeling.

Inspection - Each part/assembly is inspected to Praxair GS 38 standards and is documented in CRANE's Total Valve Tracking System and Customer Test Reports.

Testing - Each part/assembly is tested in accordance with Industry Standards and documented as above.

Packaging - Each cleaned part/assembly is sealed and packaged in double bagging.

Labeling - Each package is clearly labeled. Labeling can be "Standard" (Cleaned for Oxygen Service) or "Specialty" (to include any other requirements to meet the labeling needs of our customers' facility).

Oxygen Cleaning Room

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Industry Certifications/Memberships/Affiliations:

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