

## **DeZURIK CRITICAL SERVICE VALVE CLEANING & PACKAGING**

Meeting the highest standards for special valve cleaning and packaging services is of paramount importance for DeZURIK. In order to ensure proper cleaning procedures are performed on valves intended for oxygen, ozone, chlorine, hydrogen peroxide, isocyanate and other applications, DeZURIK has constructed a dedicated clean room within its Sartell manufacturing plant. Our professional, skilled and trained cleaning technicians maintain a safe environment for a wide variety of cleaning services.



### **DeZURIK Offers Full Range of Cleaning Services to Meet Industry Standards**

DeZURIK's cleaning services adhere to industry standards or individual customer specifications. Following are some of the industry standard specifications that DeZURIK can meet:

- Oxygen Service (per MSS-SP-138)
- Ozone Service (per CGA 4.1)
- Chlorine Service (per Chlorine Institute Pamphlet 6)
- Silicone Free Service (per MSS-SP-140)
- Hydrogen Peroxide Service (per MSS-SP-150)
- Isocyanate Service (certified to your requirements)
- Phos-Chem Service (certified to your requirements)
- Other Services  
(contact DeZURIK with your specifications)

### **Dedicated Clean Room**

To ensure the highest quality cleaning services, DeZURIK's clean room is constructed with positive pressure ventilation to limit environmental contamination and airborne particles. The facility maintains all separate tools, benches and equipment to reduce the potential for cross contamination. Internal procedures ensure the facility is cleaned and inspected on a regular schedule.



### **UV Black Light Inspection of Cleaned Parts**

Cleaning procedures include mechanical, ultrasonic and/or solvent cleaning methods. To identify any possible contaminants after cleaning, each part is inspected under both white light and UV Black Light. Black light inspection is effective in detecting contamination down to 40 mg/m<sup>2</sup>.

## Testing After Clean Assembly

After the valve is thoroughly cleaned and re-assembled, it is given a second seat and shell



test to ensure sealing capability is maintained. The pressure test equipment is dedicated for clean valve testing only. Valves are pressure tested with nitrogen gas to ensure no moisture is introduced to the cleaned valve.

## Final Packaging Prevents Contamination

To preserve cleanliness, all specially cleaned DeZURIK valves are double bagged and carefully labeled. A sealed inner bag, followed by multiple layers of shrink wrap, protects the cleaned valve during shipment and storage.



## Silicone Free Cleaning

Valves for Silicone Free Service (per MSS-SP-140) are cleaned in a separate room from other cleaning services.



## Positive Material Identification

DeZURIK can complete a certified Positive Material Identification examination that ensures the composition of specific materials used in the production of each valve.

## Customer Visits Welcome

DeZURIK invites customers who have special cleaning requirements to visit the Sartell Clean Room for review and approval of the procedures, cleaning and testing used on your valve order. A visit to the DeZURIK Sartell Clean Room will instill confidence that the highest standards for special cleaning are followed on every order.

## Sales and Service

For information about our worldwide locations, approvals, certifications and local representative:

**Web Site:** [www.dezurik.com](http://www.dezurik.com) **E-Mail:** [info@dezurik.com](mailto:info@dezurik.com)



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