



INDUSTRY LEADERSHIP



BELFOR has pioneered the recovery, decontamination and decommissioning of semiconductor equipment, tools and fabrication facilities.

From contamination assessments to final reporting, BELFOR offers turnkey services that are done safely and in compliance with applicable regulations.

SCOPE OF SERVICES

- **Contamination Assessment**
- **Equipment and Tool Decontamination**
- **Parts Decontamination**
- **Rigging/Crating and Transportation Services**
- **Transportation Regulations Compliance**
- **Fabrication Facility Decontamination**
- **Removal, Decontamination and Disposal of Forelines, Exhaust Lines, Ducts, etc.**
- **Demolition Services**
- **Final Reporting**



1.800.856.3333

24-7 National Emergency Hotline

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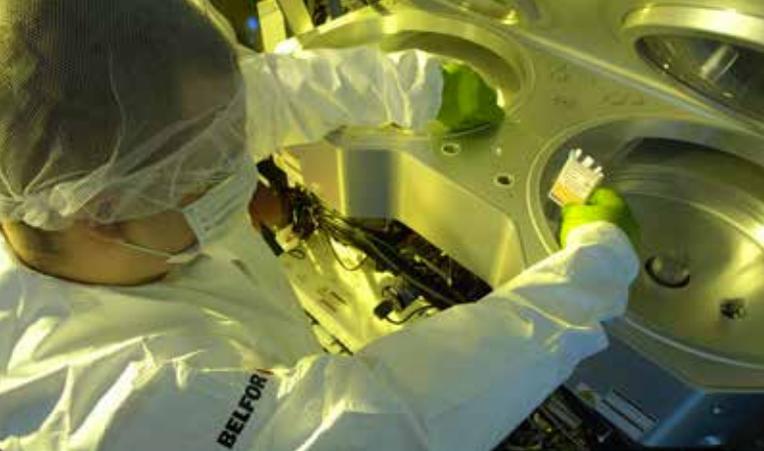
www.belfor.com



SEMICONDUCTOR SERVICES



800.856.3333 | www.belfor.com



SEMICONDUCTOR EXPERIENCE

As the global leader in decontamination and disaster recovery services, BELFOR has unmatched experience in the successful decontamination and recovery of semiconductor equipment and facilities.

When lead times to replace equipment are unacceptably long or financially difficult, BELFOR offers cost-effective solutions that allow business operations to resume more quickly following contamination events caused by fire, water, chemical spills and more.

For fabrication facilities that are being sold or relocated, or for those closing down their operations, BELFOR provides facility decommissioning services that allow the property to be returned to marketable condition and subsequent real estate transactions.



CONTAMINATION ASSESSMENT

BELFOR will conduct a full review and assessment of the contamination by reviewing process gas and chemical lists, equipment operational status, and supporting documents. We use a variety of methods to verify contamination, including but not limited to gas detection and surface wipe sample analysis.

TOOL DECONTAMINATION

Cleanliness of semiconductor and fabrication equipment is crucial to your operations. BELFOR Technical Services has extensive experience at cleaning and decontaminating semiconductor equipment, tools and parts to remove hazardous contaminants.

Decontamination is performed using the OEM's documented procedures when available. BELFOR verifies the process and related test results in a Decontamination Declaration Document.



For unique contamination situations, BELFOR Technical Services can develop specific decontamination and cleaning solutions for a wide variety of equipment.

RIGGING/CRATING AND TRANSPORTATION SERVICES

In addition to evaluation and decontamination, BELFOR can provide turnkey services such as rigging, crating and transportation of tools. Shipping services are performed by BELFOR's logistics partners as part of a turnkey solution.

TRANSPORTATION REGULATIONS COMPLIANCE

Semiconductor tools and related components already exposed to process gases, chemicals and other residues pose a considerable safety risk, both during transportation and upon arrival at the final destination. Contaminated equipment must be treated as hazardous cargo, imposing stringent transportation regulations that can also lead to higher transportation costs.

BELFOR can assess equipment prior to relocation, decontaminate as necessary, and provide documentation that declares the status of the equipment to freight forwarders, transportation regulatory authorities and customers. All safety protocols comply with the most current version of the SEMI S12 standard.



FABRICATION FACILITY DECOMMISSIONING

BELFOR Environmental specializes in fab decontamination, decommissioning and demolition, providing characterization of the facility and any repair or remediation needed to bring the property to a marketable condition.

Services include the purging of saline, arsine gas, chloroform, carbon tetra fluoride and sulfur hexafluoride process lines; the cleaning and removal of various solvent lines; and, the decommissioning of various process systems.

PROJECT MANAGEMENT

BELFOR Environmental has the expertise to provide cost analysis, waste management, scheduling, asset management, recycling, construction phasing and final reporting.



We work in conjunction with all parties involved to carefully monitor and manage all operations, and to minimize the potential of emissions. All personnel are trained and committed to strict safety protocols and regulations.

BELFOR Environmental strives to minimize hazardous waste materials through sampling, analyzing, segregating, sizing and packaging. Reduced volume results in cost savings.



PROPERTY RESTORATION

24-HOUR EMERGENCY HOTLINE

1-800-856-3333

www.belfor.com



ENVIRONMENTAL

24-HOUR EMERGENCY HOTLINE

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www.belforenvironmental.com