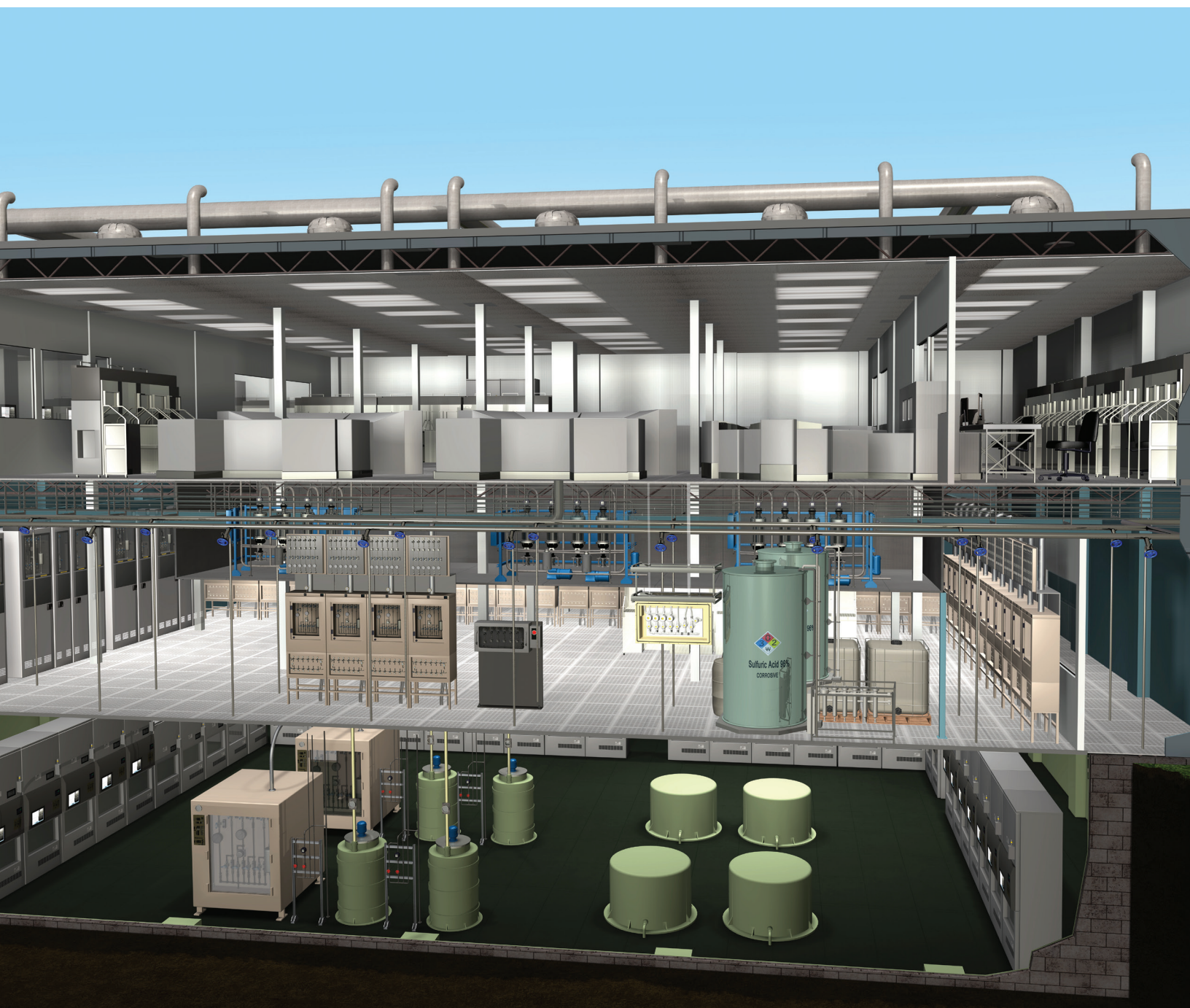


# SEMI FAB FACILITIES SOLUTIONS



# HIGH PURITY PROCESS GAS DISTRIBUTION

Semiconductor fabs demand absolute purity and precision. Our gas distribution solutions deliver both. From bulk systems to gas cabinets, valve manifold boxes, tool hookup boxes, and gas boxes, Valin provides the components that keep processes clean and reliable. Valves, regulators, and high-purity fittings ensure tight, accurate control. SIL 3, heat trace, and pneumatic panels add smart safety and system reliability. And our full range of filters — bulk, high-purity, point-of-use, and utility — guard against contaminants at every stage. The result is a seamless, high-performance gas network you can trust to power today's most advanced semiconductor manufacturing.

## APPLICATIONS:

- Bulk Gas Distribution
- Gas Cabinets
- Valve Manifold Box
- Tool Hookup Box
- Gas Box

## PRODUCTS:

- Diaphragm Valves
- Gas Sticks
- Pressure Regulators
- Metal Gasket Face Seal Fittings
- Surface Mount & Inline Flow Restrictors
- High Purity Gas Filters
- SIL 3 Pressure Switch, Gauge, Transducer
- Heat Trace Control Panels
- Pneumatic Control Panels
- Check Valves
- Weld Fittings
- Bellows Valves



DIAPHRAGM  
VALVES



GAS STICKS



REGULATORS



METAL GASKET  
FACE SEAL FITTINGS



SURFACE MOUNT & INLINE  
FLOW RESTRICTOR



HIGH PURITY  
GAS FILTERS



SIL 3 PRESSURE SWITCH,  
GAUGE, TRANSDUCER



HEAT TRACE  
CONTROL PANELS



PNEUMATIC  
CONTROL PANELS



CHECK VALVES



WELD FITTINGS



BELLOWS VALVES

# CHEMICALS, FLUIDS & WASTEWATER TREATMENT

Chemicals, fluids, and wastewater treatment play a critical role in protecting both industrial processes and the environment. In many industries, specialized chemicals are used to optimize water quality, enhance system efficiency, and prevent issues such as scaling, corrosion, or microbial growth. Fluids are carefully managed to ensure safe handling, storage, and application, while wastewater generated from industrial, municipal, or commercial sources must be treated to meet regulatory standards before being discharged or reused. Advanced treatment methods—including physical filtration, chemical dosing, and biological processes—remove contaminants and reduce environmental impact.

## APPLICATIONS:

- Bulk Chemicals
- Slurry
- Specialty Chemicals
- DI Water
- Ultra-Pure Water
- Chillers
- City Water

## PRODUCTS:

- Manifolds
- Ultrasonic Flow Meters
- Pressure Regulators
- Solenoid Valves and Pneumatics
- VFD Panels for Pumps
- Flow Switches
- Nitrogen Blanketing System
- Heat Exchangers
- Valves
- Check Valves
- Fittings
- Liquid Filters



MANIFOLDS



ULTRASONIC FLOW METERS



PRESSURE REGULATORS



SOLENOID VALVES AND PNEUMATICS



VFD PANELS FOR PUMPS



FLOW SWITCHES



NITROGEN BLANKETING SYSTEM



HEAT EXCHANGERS



VALVES



CHECK VALVES



FITTINGS



LIQUID FILTERS

# AIR HANDLING & ABATEMENT

Air handling and abatement systems in semiconductor fabrication facilities are critical for maintaining ultra-clean environments and ensuring regulatory compliance. These systems control temperature, humidity, and particle levels within cleanrooms while also capturing and neutralizing hazardous gases, volatile organic compounds (VOCs), and chemical byproducts generated during wafer processing. Advanced filtration, scrubbing, and abatement technologies safeguard worker safety, protect sensitive semiconductor processes from contamination, and minimize environmental impact. By integrating precision air handling with robust abatement solutions, semi fab facilities achieve both operational efficiency and adherence to stringent environmental, health, and safety standards.

## APPLICATIONS:

- Rooftop Abatement
- POU Abatement
- Gas Cabinet Abatement
- Gas Box Abatement
- Makeup Air Unit
- Air Handling Unit

## PRODUCTS:

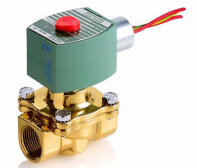
- Low Pressure Monitor
- VFD Panels for Fans
- Solenoid Valves
- Dust Collector Valves
- Proportional Valves
- Pitot Tubes
- Valve Manifolds
- Air Prep Units (FRLs)
- Nitrogen Blanketing System
- Process Panel
- Air Operated Valves



LOW PRESSURE  
MONITOR



VFD PANELS  
FOR FANS



SOLENOID VALVES



DUST COLLECTOR  
VALVES



PROPORTIONAL  
VALVES



PITOT TUBES



VALVE MANIFOLDS



AIR PREP  
UNITS (FRLs)



AIR PREP  
UNITS (FRLs)



NITROGEN BLANKETING  
SYSTEM



PROCESS  
PANEL



AIR OPERATED  
VALVES

# VALIN: YOUR TRUSTED PARTNER

- Tailored Systems from leading brands
- Engineering Expertise in critical fab processes
- Service & Support: On-site commissioning, PM, training, and retrofit kits.

## ISO 9001 CERTIFIED

Valin is a proud member of  **semi**<sup>™</sup>

### SOLUTIONS FOR SEMI FAB:

Your trusted partner for all levels of the fab

- Fan Deck
- Cleanroom
- Subfab
- Utility

With solutions to handle your critical processes

- Live Assistance
- Customized Inventory Management
- Online Order Processing
- Automatic Order Status Notification

### BRANDS YOU TRUST

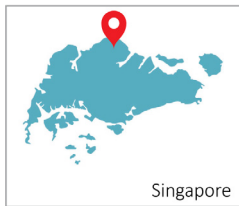


# CONTACT US

## KNOWLEDGE CENTERS

Automation .....	(855) 737-4716
Filtration .....	(855) 737-4717
Fluid Handling .....	(855) 737-4715
Process Control .....	(855) 737-4714
Heating .....	(855) 737-4718

## LOCATIONS



**Arizona:**  
Chandler, AZ  
\* Automation Value  
Add Center & UL  
Panel Shop

**California:**  
San Jose, CA  
Bakersfield, CA  
Irvine, CA

**Colorado:**  
Wheat Ridge, CO

**Montana:**  
Kalispell, MT

**Oregon:**  
Portland, OR  
\* Automated Valve  
Value Add Center

**Texas:**  
Austin, TX  
Dallas, TX  
\* Value Add Center  
Houston, TX

**Utah:**  
Salt Lake City, UT



- 11 Stocking Distribution Centers
- 11 Sales & Engineering Centers
- 3 Value Add Centers \*
- Coverage for Southeast Asia