

## **QuantumClean® and ChemTrace® Open Sub-10nm Semiconductor Cleaning and Analytical Center of Excellence™ in Tainan, Taiwan**

### **First of Its Kind: Lean, Clean and Green Smart Facility**

**Quakertown, PA USA. April 24, 2017** – [QuantumClean](#) and [ChemTrace](#) unveiled the world's most advanced semiconductor chamber parts cleaning, coating and analytical facility in Tainan, Taiwan. This plant is the company's 18<sup>th</sup> global facility, the second in Taiwan. Quantum Global Technologies' facilities, in 13 semiconductor manufacturing regions around the world, clean over 1 million semiconductor process chamber parts annually — no other cleaner can claim to match these impressive statistics.

"This plant is 'Smart, Lean, Clean and Green™', a first of its kind in its industry. The opening of this advanced facility is yet another milestone in **QuantumClean** and **ChemTrace's** evolution and a demonstration of our continuous innovation, growth and value generation for our customers", states Scott Nicholas President and CEO, Quantum Global Technologies, LLC.

"Lean modular layouts provide unprecedented segregation, capacity and throughput measured **in hours** not days. High-purity cleaning technologies yield *Atomically Clean Surfaces™* exceeding requirements for sub-10nm fab processes. The facility is engineered to significantly reduce water, chemical and energy usage and waste discharges", explains Dave Zuck COO and CTO, Quantum Global Technologies, LLC.

17 years ago, **QuantumClean** had a goal to become the number one outsourced chamber parts cleaning company to the semiconductor industry, not only in the US, but worldwide. We accomplished the goal by:

- continuously innovating to help solve customers' process chamber challenges
- producing the cleanest chamber parts, as proven through analytical verification

- being the first to offer a Certificate of Analysis with cleaned parts
- taking uncertainty out of customers' part cleaning process and allowing customers to focus on their core, profit-making objectives
- bringing a differentiated service that provides greater value to our customers than our competition

The Tainan site offers customers the full spectrum of part cleaning and recoating capability for all fab processes, and is Taiwan's only cleaning and coating service provider with an embedded microcontamination laboratory — **ChemTrace** — with 23 years of expertise in validating part cleanliness.

**ChemTrace** is an industry-leading semiconductor laboratory that provides clients with critical insight into their microcontamination issues. "Continued expansion of **ChemTrace's** global footprint with the recent opening of the state-of-the-art laboratory in Tainan allows regional semiconductor industry customers direct access to our advanced laboratories for rapid turnaround and expert analysis", explains Surjany Russell, ChemTrace's Director of Sales.

"We welcome industry visitors to the QuantumClean and ChemTrace facility at No. 7 Gongye 3<sup>rd</sup> Road, Annan District, Tainan, Taiwan to see the differentiated value that this plant brings to current and future customers", concludes Mr. Nicholas. Call +866-6384-830 to set up an appointment.

## About Quantum Global Technologies®, LLC

**ChemTrace**® and **QuantumClean**® are divisions of Quantum Global Technologies, LLC which is headquartered in suburban Philadelphia, Pennsylvania USA.

**QuantumClean** is the global leader in sub-10nm outsourced process tool chamber parts cleaning and coating services, tool part life extension and process tool part optimization solutions to the semiconductor wafer fabrication, OEM and OPM industries.

Founded in 2000, **QuantumClean** operates innovative *Advanced Technology Cleaning Centers*<sup>®</sup> built on the premise of providing customers *process improvement through consistently cleaner parts*<sup>®</sup> that exceed industry standards. These solutions dramatically reduce our customers' total cost of ownership. With 1,400 employees in 18 *Advanced Technology Cleaning Centers* located in 8 countries, **QuantumClean** provides unsurpassed cleaning capability and convenience worldwide.

[quantumclean.com](http://quantumclean.com)


For over 20 years, **ChemTrace** has provided independent and analytical verification of process tool chamber part cleaning effectiveness. Recognized as the leading reference analytical testing laboratory for the semiconductor, solar and related industries, **ChemTrace** has the solutions for FAB, OEM and OPM's critical cleaning issues and requirements. With more than 100 employees in 5 labs located in 3 countries, **ChemTrace** offers unsurpassed micro-contamination analysis of tool parts, wafers and depositions, chemicals, cleanroom materials, DI water and airborne molecular contamination. [chemtrace.com](http://chemtrace.com)

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