



Quantum Global Technologies, LLC Press Release

ChemTrace® Opens New Microcontamination Testing Laboratory in Taiwan

Quakertown, Pennsylvania, USA. August 29, 2014 – Quantum Global Technologies LLC, parent company to ChemTrace®, an industry-recognized leading microcontamination analytical testing laboratory that provides services to the semiconductor, solar, and medical life science industries and QuantumClean®, the leading global provider of validated sub-20nm outsourced process tool parts cleaning, surface treatment, refurbishment, analytical and engineering services to the semiconductor industry, today announced it has opened a new laboratory in Hsinchu, Taiwan.

In its continuing efforts to provide our customers with international continuity of analysis, ChemTrace is pleased to announce the opening of a copy-exact lab in Taiwan. Starting with a foundation of an identical quality management system and analytical procedures, ChemTrace has replicated all of its instruments, purchasing controls, training, and management techniques to provide the ideal environment for repeatability and consistency across continents.

“ChemTrace has the reputation for technical competence and the highest quality of work in the United States. Now, we come to Taiwan, providing the local industry with that same quality and expertise,” stated Dr. Shi Liu, ChemTrace’s Technical Director.

“We established a ChemTrace analytical laboratory in Taiwan for the best possible of all reasons: our customers asked us to do so,” reported Scott Nicholas, CEO of Quantum Global Technologies. “ChemTrace will also provide analytical validation of the cleanliness of semiconductor process tool parts cleaned by QuantumClean Taiwan, a significant point of differentiation between QuantumClean and the competition,” concluded Mr. Nicholas.

We invite you to experience the quality and service of ChemTrace, microcontamination experts for more than 20 years.

About Quantum Global Technologies, LLC

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

ChemTrace® is a recognized leading reference analytical testing laboratory primarily serving the semiconductor, solar and related industries by providing answers and solutions to its customers’ microcontamination related issues. Founded in 1993, ChemTrace® also provides independent analytical verification of process tool part cleaning effectiveness for many of QuantumClean’s leading-edge semiconductor fab, OEM and OPM customers which have critical cleaning requirements.

QuantumClean® is the global leader in sub-20nm outsourced process tool parts cleaning and restoration (coating) services, tool part life extension and process tool part optimization solutions to the semiconductor wafer fabrication, OEM & OPM industries. Founded in 2000, QuantumClean operates



technologically innovative *Advanced Technology Cleaning Centers*[®] built on the premise of providing customers *process improvement through consistently cleaner parts*[®] that exceed industry standards, dramatically reducing our customers' total cost of ownership. With nineteen *Advanced Technology Cleaning Centers*[®] located in nine countries, QuantumClean provides unsurpassed cleaning capability and convenience worldwide.

For more about *QuantumClean*[®] and *ChemTrace*[®], visit their websites at www.quantumclean.com and www.chemtrace.com.

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