

MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
141442-2013-AQ-USA-UKAS

Initial certification date:
19 April 1994

Valid:
18 April 2019 - 18 April 2022

This is to certify that the management system of

Versum Materials, US LLC Tempe

8555 South River Parkway, Tempe, AZ, 85284, USA
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:

**The Development and Manufacturing of high-purity gases and chemicals.
Development, Manufacturing, and Servicing of chemicals distribution systems
for the Electronics Industry.**

Place and date:
London, 18 April 2019



For the issuing office:
**DNV GL - Business Assurance
4th Floor, Vivo Building, 30 Stamford
Street, London, SE1 9LQ, United Kingdom**

Erie Koek
Management Representative

Certificate No: 141442-2013-AQ-USA-UKAS
Place and date: London, 18 April 2019

Appendix to Certificate

Versum Materials, US LLC Tempe

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Versum Material, US LLC ON Semiconductor Mountain Top	125 Crestwood Road, Mountain Top, PA, 18707, USA	Servicing chemical distribution systems
Versum Materials, Versum Materials, Banwol	Jangjagol Ro, 82, 425-833 Danwon-gu, Ansan-si, Gyeonggi-Do, Korea	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC Hometown	357 Marian Avenue, Tamaqua, PA, 18252, USA	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC Pyeongtaek	88-19, Sandan-ro, Pyeongtaek-si, 459-040, Korea	Manufacture of high purity chemicals
Versum Materials, US LLC Ansan	#283, Haebong-Ro, Danwon-gu, Ansan-si, 425-839, Korea	Design and assembly of equipment to control limited distribution of gases and chemicals
Versum Materials, US LLC Carlsbad	1969 Palomar Oaks Way, Carlsbad, CA, 92011, USA	Manufacture of high purity chemicals and assembly of glass and stainless steel chemical containers
Versum Materials, US LLC Catoosa	1115 West Keystone, Catoosa, OK, 74015, USA	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC Dallas	8201 S. Central Expressway, Dallas, TX, 75241, USA	Production of High Purity Chemicals
Versum Materials, US LLC Global Foundries Malta	400 Stone Bread Ext., Malta, NY, 12020, USA	Servicing chemical distribution systems
Versum Materials, US LLC Nanke	Site A, No. 772, Singnong Road,Shanhua District, Tainan, Taiwan, 74160 R.O.C.	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC Samsung Austin Semiconductor	12100 Samsung Boulevard, Austin, TX, 78754, USA	Servicing chemicals distribution systems
Versum Materials, US LLC Shanghai Wai Gao Qiao (Warehouse)	No.238 Fenju Road, Wai Gaoqiao, Free Trade Zone,Shanghai, Shanghai, P.R., China, .	Storage and distribution of specialty gases and chemicals
Versum Materials, US LLC Shihwa	Sihwa Ind, Complex, 143, Hyeomnyeok-ro, Siheung-si, 429-450, Korea	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC Taichung Branch Office	No. 6, Dachen S. Road,Wuci District, Taichung City, Taiwan, CC Error	Storage and distribution of specialty gases and chemicals
Versum Materials, US LLC Tempe	8555 South River Parkway, Tempe, AZ, 85284, USA	Manufacture Chemical Mechanical Planarization and Polishing Solutions
Versum Materials, US LLC Tuas (Warehouse)	8 Tuas Basin Link, Tuas, Tuas, Singapore, 638762	Storage and distribution of specialty gases and chemicals
Versum Materials, US LLC Ulsan	48, Yongyeon-ro 98 beon-gil, Nam-gu, 680-150, Korea	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC Vultee	1919 Vultee Street, Allentown, PA, 18103, USA	Design and assembly of equipment to control limited distribution of gases and chemicals.