

MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
246336-2017-AE-USA-UKAS

Initial certification date:
24 April 2017

Valid:
21 September 2017 - 14 September 2018

This is to certify that the management system of

Versum Materials, US LLC

7201 Hamilton Boulevard, Allentown, PA, 18195, USA
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:
ISO 14001:2004

This certificate is valid for the following scope:

**The Development and Manufacturing of high-purity chemicals and gases,
delivery systems, services and materials expertise to the Electronics
Industry**

Place and date:
London, 28 September 2017



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

D.P. Koek
Management Representative

Certificate No: 246336-2017-AE-USA-UKAS
Place and date: London, 28 September 2017

Appendix to Certificate

Versum Materials, US LLC

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Versum Materials, US LLC (HQ)	7201 Hamilton Boulevard. Allentown, PA, 18195, USA	The Development and Manufacturing of high-purity chemicals and gases, delivery systems, services and materials expertise to the Electronics Industry
Versum Materials, US LLC	#283, Haebong-Ro, Danwon-gu, Ansan-si, Gyeonggi-Do. 425-839, Korea	Design, development, manufacturing and services for gas supply equipment and related parts
Versum Materials, US LLC	Jangjagol Ro, 82, Danwon-gu, Ansan-si, Gyeonggi-Do, Korea, 425-833	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC	88-19, Sandan-ro, Pyeongtaek-si, Gyeonggi, Korea	Production of high purity chemicals
Versum Materials, US LLC	Sihwa Ind, Complex, 143, Hyeomnyeok-ro, Siheung-si, Gyunggi-do, 429-450 Korea	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC	No. 6, Dachen S. Road, Wuci District, Taichung City, Taiwan, 43541 (R.O.C.)	Provision of logistic and delivery services of associated specialty gases and chemicals for the electronics industry
Versum Materials, US LLC	No. 772, Singnong Road, Shanhua District, Tainan City, Taiwan, 74160 (R.O.C.)	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC	357 Marian Avenue, Tamaqua, PA, 18252, USA	Manufacture and transfill of specialty gases and chemicals
Versum Materials, US LLC	8201 S. Central Expressway, Dallas, TX, 75241, USA	Production of High Purity Chemicals
Versum Materials, US LLC	1115 West Keyston, Catoosa, OK, 74015, USA	Manufacture and tranfill of specialty gases and chemicals
Versum Materials, US LLC	1969 Palomar Oaks Way, Carlsbad, CA, 92011, USA	Manufacture of high purity materials and related containers
Versum Materials, US LLC	8555 South River Parkway, (2nd Floor), Tempe, AZ, 85284, USA	Manufacture Chemical Mechanical Planarization and Polishing Solutions
Versum Materials, US LLC	48, Yongyeon-ro98beon-gil, Nam-gu, Ulsan, Korea, 459-150	Manufacture and transfill of specialty gases and chemicals

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV GL Business Assurance UK Limited, 4th Floor, Vivo Building, 30 Stamford Street, London, SE1 9LQ, United Kingdom.
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