
Certificate of Approval

This is to certify that the Management System of:

Element Solutions Inc

245 Freight Street, Waterbury, CT, 06702, United States

has been approved by LRQA to the following standards:

ISO 9001:2015

Approval number(s): ISO 9001 – 0078022

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

The scope of this approval is applicable to:

Design, Manufacture, Testing, Distribution and Services of Soldering Products, Coated Films, Specialty Chemicals, Stencils, Photomasks, Photopolymer Plates, Pellicle Replacement and Requalification Services for the Electronics, Semiconductor, Printing, Automotive, Microelectronics, Drilling and Off Shore Oil and Gas, Military, Aerospace, Medical and Flexographic Industries.

Cliff Muckleroy

Area Operations Manager Americas

Issued by: LRQA Limited



Certificate Schedule

Location	Activities
<p>MacDermid, Inc. 245 Freight Street, Waterbury, CT, 06702, United States</p>	<p>ISO 9001:2015 Design, Manufacture, Testing, Distribution and Services of Soldering Products, Coated Films, Specialty Chemicals, Stencils, Photomasks, Photopolymer Plates, Pellicle Replacement and Requalification Services for the Electronics, Semiconductor, Printing, Automotive, Microelectronics, Drilling and Off Shore Oil and Gas, Military, Aerospace, Medical and Flexographic Industries.</p>
<p>MacDermid Enthone America, LLC 5630 Pioneer Creek Drive, Maple Plain, MN, 55359, United States</p>	<p>ISO 9001:2015 Manufacture and Distribution of Specialty Chemicals for the Electronics and Engineered Coatings Industries.</p>
<p>Alpha Advanced Materials <input type="checkbox"/> 3950 Johns Creek Court Suite 300, Suwanee, GA, 30024, United States</p>	<p>ISO 9001:2015 The Design and Service Activities for Product Lines used in Semi-Conductor Packaging, Military, Aerospace, Medical and Microelectronic Applications, including the Manufacture of Adhesives, Coatings, and Getters.</p>
<p>MacDermid Graphics Solutions 5700 Commerce Boulevard, Morristown, TN, 37814, United States</p>	<p>ISO 9001:2015 The Manufacturing of Sheet Printing Plates and Liquid Resin to Establish Product Specification for Orders Received through Customer Service Department Located in Atlanta Georgia.</p>
<p>W. Canning Ltd DBA MacDermid OS 223 Brockman Street, Pasadena, TX, 77506, United States</p>	<p>ISO 9001:2015 Manufacture of Proprietary Specialty Chemicals for Drilling and Production in the Offshore Oil and Gas Industry.</p>
<p>MacDermid, Inc. 1221 Farrow Street, Ferndale, MI, 48220, United States</p>	<p>ISO 9001:2015 Manufacturing of Proprietary Specialty Chemicals with Customer Service Located in Waterbury, CT.</p>



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<p>Alpha Assembly Solutions, Inc. A MacDermid Performance Solutions Company 4100 Sixth Avenue, Altoona, PA, 16602, United States</p>	<p>ISO 9001:2015 Manufacture of Solder Alloy Products for the Electronics Industry and Industrial Applications. Recycling of Solder Materials.</p>
<p>Alpha Assembly Solutions Inc. 800 West Thorndale Ave, Itasca, IL, 60143, United States</p>	<p>ISO 9001:2015 Design and Manufacture of Bar and Wire Solder, Solder Preforms, Thermal Interface Materials (TIM), Solder Paste, Soldering Fluxes, Tacky Soldering Fluxes, and Related Chemicals.</p>
<p>Alpha Assembly Solutions Inc. 940 West Thorndale Ave, Itasca, IL, 60143, United States</p>	<p>ISO 9001:2015 Manufacture of Bar and Wire Solder</p>
<p>MacDermid Performance Solutions 26 Tuas West Road, Singapore 638382, Singapore</p>	<p>ISO 9001:2015 Manufacturing and Distribution of Specialty Chemicals.</p>
<p>MacDermid Alpha Electronics Solutions 14 Joo Koon Crescent, Singapore 629014, Singapore</p>	<p>ISO 9001:2015 The Manufacture of Electronic Polymers. The Sales and Distribution of Soldering Products.</p>
<p>MacDermid Autotype Limited Grove Road, Wantage, OX12 7BZ, United Kingdom</p>	<p>ISO 9001:2015 Design, Development, Manufacture and Distribution of Coated Films and Chemical Products for the Printing, Electronics and Automotive Applications. The Manufacture of Water Treatment Chemical Products. Design and Manufacture of Coated Films and Formable Texturing Lacquers.</p>
<p>Fernox Ltd. DBA Alpha Assembly Solutions MacDermid UK Unit 16, Howard Court, East Kilbride, G74 4QZ, United Kingdom</p>	<p>ISO 9001:2015 The Manufacture & Sales of Laser Cut Stencils for use in the Electronics Industry Assembly Processes.</p>



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<p>MacDermid Canning Limited Trading As: MacDermid Offshore Solutions (UK) □ Cale Lane, New Springs, Wigan, WN2 1JR, United Kingdom</p>	<p>ISO 9001:2015 The Development, Production, Blending and Supply of Oils, Hydraulic Fluids and Specialist Chemicals to Customer Requirements. The Provision of a Service to Source Specialty Chemicals to Customer Requirements.</p>
<p>MacDermid Performance Solutions UK Limited □ 198 Golden Hillock Road, Birmingham, B11 2PN, West Midlands, United Kingdom</p>	<p>ISO 9001:2015 The Design, Manufacture & Supply of Specialty Chemicals.</p>
<p>MacDermid Graphics Solutions UK Limited Cale Lane, New Springs, Wigan, WN2 1JR, United Kingdom</p>	<p>ISO 9001:2015 The Manufacture and Distribution of Photopolymer Plates for the Flexographic Printing Industry.</p>
<p>Macdermid Enthone de México, S.A. de C.V. Norte 59 No.896 Col. Industrial Vallejo, 02300 Ciudad de México, Mexico</p>	<p>ISO 9001:2015 Manufacture of Specialty Plating Products Used in Coating Processes, Electronics and Metal Finishing Industries, and Manufacturing of Soldering Fluxes and Related Chemical Products for Electronic Circuit Board Assembly and other Industrial Applications.</p>
<p>MacDermid Performance Solutions Taiwan Ltd. No. 77 Kuang Fu N. Road Hsin-Chu Enlarged Industrial Park, Hsinchu 303, Taiwan</p>	<p>ISO 9001:2015 Manufacture and Supply of Specialty Chemicals for the PCB, LED, Photovoltaics, Semiconductor Packaging and Surface Finishing Industry.</p>
<p>MacDermid Performance Solutions Italiana Srl □ V.le Industria 20, 35030 Rubano, Italy</p>	<p>ISO 9001:2015 Sale and technical service and warehousing of chemical specialities for electroplating, for electroplating in electronics, for heat treatments, for industrial cleaning and surface conversion treatments, for electrochemical and chemical processes, including the use of precious metals for decorative and electronics applications and for metallization of circuits, for PET recycle, for metalworking fluids.</p>



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<p>MacDermid Performance Solutions Italiana Srl Via Enrico Mattei 4, 62012 Civitanova Marche, Italy</p>	<p>ISO 9001:2015 Sale and technical service and warehousing of chemical specialities for electroplating, for electroplating in electronics, for heat treatments, for industrial cleaning and surface conversion treatments, for electrochemical and chemical processes, including the use of precious metals for decorative and electronics applications and for metallization of circuits, for PET recycle, for metalworking fluids.</p>
<p>MacDermid Performance Solutions Italiana Srl Via Vigevano 61, 28069 San Martino di Trecate - NO, Italy</p>	<p>ISO 9001:2015 Research and development, production by mixing, sale and technical service and warehousing of chemical specialities for electroplating, for electroplating in electronics, for heat treatments, for industrial cleaning and surface conversion treatments, for electrochemical and chemical processes, including the use of precious metals for decorative and electronics applications and for metallization of circuits, for PET recycle, for metalworking fluids.</p>
<p>Coventya S.p.A., PT Precious Metals, Via Chiusa, snc, 51031 Agliana (PT), Italy</p>	<p>ISO 9001:2015 Design, manufacturing, laboratories, sales and after sales.</p>
<p>Coventya S.p.A. Via 1° Maggio, SNC 5/A, 22060 Carugo, Italy</p>	<p>ISO 9001:2015 Laboratories, sales and after sales.</p>
<p>Coventya S.p.A. Via Fratelli Rosselli 2, 31050 Villorba (TV), Italy</p>	<p>ISO 9001:2015 Design, manufacturing, laboratories, sales and after sales.</p>
<p>MACDERMID PERFORMANCE SOLUTIONS KIMYASAL SAN. VE TIC. A.S Kimyasal Sanayi ve Ticaret A.Ş. Birlik Organize Sanayi Bolgesi Aydinli Mahallesi Cad. No.7, BOSB, Aydinli Mah., Tem, Yan Yol 1 No.lu, 34953 Istanbul, Turkey</p>	<p>ISO 9001:2015 Sales, Supply and Technical Service of Surface Treatment Chemicals.</p>



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MACDERMID PERFORMANCE SOLUTIONS FRANCE SAS 15 porte du Grand Lyon, 01700 Neyron, France	ISO 9001:2015 Commercialization of Chemicals for Surface Treatment.
Alpha Assembly Solutions France SAS ZI La Bergerie, Rue Gustave Eiffel CS 10734, 49280 La Séguinière, France	ISO 9001:2015 The Manufacture & Sales of Laser Cut Stencils for use in the Electronics Industry Assembly Processes.
Coventya S.A.S. Parc d'Activités des Chanteraines, 7 Rue du Commandant d'Estienne, d'Orves, CS 30001, Villeneuve La Garenne, F-92396 CEDEX, France	ISO 9001:2015 Design, laboratories, sales and after sales.
Alpha Assembly Solutions Belgium NV Hoge Mauw 1050, 2370 Arendonk, Belgium	ISO 9001:2015 The Manufacture & Sales of Laser Cut Stencils for use in the Electronics Industry Assembly Processes.
MacDermid Enthone Electronics Solutions (M) Sdn. Bhd. (355261-V) Lot 10, Phase II, Sama Jaya Free Industrial Zone, 93450 Kuching, Malaysia	ISO 9001:2015 Manufacture and Distribute Metal Base Specialty Chemicals for the Electronics and Engineered Coating Industry
Revestsul Produtos Químicos Ltda. Rua Antonio Rasteiro Filho, 500, Cambé, 86183-751, PR, Brazil	ISO 9001:2015 Production, Commercialization and Technical Assistance of Chemical Specialties for Surface Treatment Processes.
Anion Química Industrial S.A. Rua Eli Valter Cesar, 110 Jardim, Jardim Alvorada, Jandira, 06612-130, Brazil	ISO 9001:2015 Manufacture of Chemicals for Surface Treatment. Manufacturing of Hydraulic Fluids for use in Exploration and Production of Oil and Gas.
MacDermid Offshore do Brasil Indústria de Fluidos Ltda. Rua Afonso Figueiró, 43, Parque Industrial José Garcia Gimenes, Cambé, 86183-752, PR, Brazil	ISO 9001:2015 Fluid Manufacturing for Offshore Application.



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<p>MACDERMID PERFORMANCE SOLUTIONS ESPAÑOLA, S.A Avinguda de la Riera, 36, Sant Just Desvern, 08960 Barcelona, Spain</p>	<p>ISO 9001:2015 The Commercialization of Chemical Products for: a) Metallizing Galvanic Plastics, Coatings and Chemical and Electrochemical Treatments of Metals b) Printed Circuits, Screen Printing Inks and Photo Image Products for the Electronics Industry.</p>
<p>MacDermid Enthone Sp. z o.o. Al. Marszałka J. Piłsudskiego 76, 90-330 Łódź, Poland</p>	<p>ISO 9001:2015 Providing Electroplating Technology, Sale of Chemical Agents for Electroplating Processes and Technical and Technological Service.</p>
<p>MacDermid Enthone GmbH Elisabeth-Selbert-Straße 4, 40764 Langenfeld, Germany</p>	<p>ISO 9001:2015 The Development, Manufacturing, Sales, Supply and Maintenance of Products (Proprietary) for Surface Finishing and Printed Wiring Board Industries.</p>
<p>MacDermid Enthone GmbH Röntgenstraße 4-6, 40764 Langenfeld, Germany</p>	<p>ISO 9001:2015 The Development, Manufacturing, Sales, Supply and Maintenance of Products (Proprietary) for Surface Finishing and Printed Wiring Board Industries.</p>
<p>MacDermid Enthone GmbH Winkelsweg 184, 40764 Langenfeld, Germany</p>	<p>ISO 9001:2015 Warehousing and Supply of Products (Proprietary) for Surface Finishing and Printed Wiring Board Industries.</p>
<p>MacDermid Enthone Industrial Solutions Elisabeth-Selbert-Straße, 4, 40764 Langenfeld, Germany</p>	<p>ISO 9001:2015 Validating and Monitoring Applicator Processes Worldwide to Make Sure They Consistently Meet Pre-defined ZinKlad, DecoKlad and XMAPP Standards and Agreed Technical Requirements.</p>
<p>Coventya GmbH Stadtring Nordhorn 116, 33334 Gütersloh, Germany</p>	<p>ISO 9001:2015 Design, manufacturing, laboratories, sales and after sales.</p>



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MacDermid Alpha Hungary Kft Jedlik Ányos ú 2, 2330 , Hungary	ISO 9001:2015 The Manufacture & Sales of Laser Cut Stencils for use in the Electronics Industry Assembly Processes.
Cookson India Private Limited Development Plot No. 16 (NP),, SIDCO Industrial Estate, Ambattur, Chennai, 600098, India	ISO 9001:2015 The Manufacture of Speciality Chemicals for Surface Finishing of Metals, Plastics and Printed Circuit Board.

