

Certificate of Approval

This is to certify that the Management System of:

Ashland, LLC

8145 Blazer Drive, Wilmington, DE, 19808, United States

has been approved by LRQA to the following standards:

ISO 9001:2015



Cliff Muckleroy - Area Operations Manager Americas

Issued by: Lloyd's Register Quality Assurance, Inc.

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.

Current issue date: 7 November 2018

Original approval(s):

Expiry date: 31 May 2021

ISO 9001 – 1 May 2000

Certificate identity number: 10148998

Approval number(s): ISO 9001 – 00008106

The scope of this approval is applicable to:

Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets and the Manufacture, Blending, and Supply of Maleic Anhydride, 1,4 Butanediol Tetrahydrofuran/Water Stream, Thermoset, Coatings, Binders, and Laminates.



Certificate Schedule

Certificate identity number: 10148998

Location	Activities
Ashland Specialty Ingredients G.P. 8145 Blazer Drive, Wilmington, DE, 19808, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
Ashland LLC 802 Harmon Avenue, Columbus, OH, 43223, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
Ashland Chemicals (Nanjing) Co., Ltd. No. 198 Zhao Qiao He Road, Nanjing Chemical Industrial Park, Nanjing, Jiangsu Province 210047, China	ISO 9001:2015 Manufacture of Hydroxyethylcellulose (HEC) and Pharmaceutical Excipient.
Ashland Specialties France SARL 655 Route Du Pin Montard, 06904 Sophia-Antipolis Cedex, France	ISO 9001:2015 Industrialization, Manufacturing, Specification, and Distribution of Specialty Ingredients for Cosmetic Industries.
Techwax Ltd Unit 4b Whinbank Park, Whinbank Road, Newton Aycliffe, Co., Durham, DL5 6AY, United Kingdom	ISO 9001:2015 Development, Manufacture and Supply of Oilfield Chemicals, Contract Manufacturing and Blending of Specialty Chemicals.
ISP Microcaps (UK) Ltd. Unit 8-9, Stepnell Reach, Poole, Dorset, BH16 5BW, United Kingdom	ISO 9001:2015 The Development, Manufacture and Supply of Products Based on Microencapsulation Technologies and Liquid Crystal Materials.



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<p>ISP Technologies Inc. 4501 Attwater Avenue and State Highway 146, Texas City, TX, 77592, United States</p>	<p>ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.</p>
<p>ISP Chemicals LLC 455 North Main Street, Calvert City, KY, 42029, United States</p>	<p>ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.</p>
<p>Ashland Specialty Ingredients G.P. One Mill Street, Kenedy, TX, 78119, United States</p>	<p>ISO 9001:2015 Manufacture of Guar Gum, Guar Derivatives, Cellulose Products and Rheology Modifiers.</p>
<p>Ashland Specialty Ingredients G.P. 50 South Minnisink Avenue, Parlin, NJ, 08859, United States</p>	<p>ISO 9001:2015 Manufacture of Hydroxyethyl Cellulose and Modified Hydroxyethyl Cellulose.</p>
<p>Ashland Specialty Ingredients G.P. 1111 Hercules Road, Hopewell, VA, 23860, United States</p>	<p>ISO 9001:2015 Manufacture of Sodium Carboxymethyl Cellulose, Hydroxyethyl Cellulose, Hydroxypropyl Cellulose, Ethyl Cellulose, and Various Fluidized Polymer Systems.</p>
<p>Ashland Specialties UK Limited Vale Industrial Estates, Kidderminster, DY117QU, United Kingdom</p>	<p>ISO 9001:2015 The Manufacturing, Blending and Supply of Solvent Based, Water Based and Radiation Cured Adhesives, Coatings, Binders and Laminates.</p>



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Ashland LLC 410 Old Pelzer Road, Piedmont, SC, 29673, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
Ashland LLC 1745 Cottage Street, Ashland, OH, 44805, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
Ashland LLC 14303 Paxton Avenue, Calumet City, IL, 60409, United States	ISO 9001:2015 The Manufacture, Blending and Supply of Thermoset Solvent Based Adhesives, Coatings and Laminates.
Ashland Industries Nederland BV Noordweg 9, 3336 LH Zwijndrecht , Netherlands	ISO 9001:2015 Manufacture of Hydroxy Ethyl Cellulose and Finished Product Application Testing and Manufacturing of Polyamide-epichlorohydrin Resin.
Ashland Specialties Belgium BVBA Haven 1920, B 9130, Doel-Beveren, Belgium	ISO 9001:2015 Manufacture of Methyl Cellulose, Hydroxy Propyl Methyl Cellulose, and Methyl Hydroxy Ethyl Cellulose.
Ashland Industries France SAS BP 12, Zone Industrielle Le Clos Pres, 27460 Alizay, France	ISO 9001:2015 Manufacture of Sodium Carboxymethyl Cellulose and Various Fluidized Polymer Systems.



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ISP Freetown Fine Chemicals Inc. 238 South Main Street, Assonet, MA, 02702, United States	ISO 9001:2015 Manufacture, Packaging and Distribution of Specialty and Fine Chemicals and Chemical Intermediates of Commercial Sale for use in Allied Chemical Industry.
ISP Chemicals LLC 116 Summitt Avenue, Chatham, NJ, 07928, United States	ISO 9001:2015 Manufacture of Preservatives and Allantoin for the Personal Care Industry and Industrial Preservatives.
Wilmington Aquarius 500 Hercules Road, Building 8159, Wilmington, DE, 19808, United States	ISO 9001:2015 Manufacture of Excipients for Tablet Coating used in Pharmaceutical and Nutraceutical Industries.
ISP BIOCHEMA Schwaben GmbH Luitpoldstrasse 32, 87700 Memmingen, Germany	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
Ashland Specialty Ingredients G.P. 23 Snowden Avenue, Ossining, NY, 10562, United States	ISO 9001:2015 Manufacture of Cosmetic Ingredients from Fresh Plants using Proprietary Zeta Fraction Technology.
ISP Chemicals LLC 1979 Atlas Street, Columbus, OH, 43228, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.



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Ashland LLC 6608 E 26th Street, Los Angeles, CA, 90040, United States	ISO 9001:2015 Manufacture, Blending and Supply of Unsaturated Polyester and Vinyl Ester Resins to the Composites Industry.
Ashland LLC 2801 State Road 60 West, Bartow, FL, 33830, United States	ISO 9001:2015 Blending and Supply of Unsaturated Polyester and Vinyl Ester Resins to the Composites Industry.
Ashland LLC 2650 Neville Road, Pittsburgh, PA, 15225, United States	ISO 9001:2015 Manufacturing, Blending and Supply of Unsaturated Polyester Resins to the Composites Industry.
Ashland LLC 2801 Christopher Columbus Boulevard, Philadelphia, PA, 19148, United States	ISO 9001:2015 Manufacture, Blending and Supply of Unsaturated Polyester and Vinyl Ester Resins to the Composites Industry.
Ashland LLC 1901 North Redmond Road, Jacksonville, AR, 72076, United States	ISO 9001:2015 Manufacture, Blending and Supply of Unsaturated Polyester Resins to the Composites Industry.
Ashland LLC 5106 Wheeler Avenue, Fort Smith, AR, 72901, United States	ISO 9001:2015 Blending and Supply of Thermoset, Solvent Based, and Coatings and Laminates.
Ashland Chemical Hispania, S.L. Partida Povet, 37, 12580 Benicarlo, Spain	ISO 9001:2015 Manufacture, Blending and Supply of Unsaturated Polyester and Vinyl Ester Resins to the Composites Industry.



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Ashland Poland Sp. Z.o.o Gelcoat Plant Miszewo 51, 80-297 Banino, Poland	ISO 9001:2015 Blending and Supply of Thermoset, Solvent Based, and Coatings and Laminates.
Ashland LLC 100 Big Sandy River, Kenova, WV, 25530, United States	ISO 9001:2015 Manufacture, Blending and Supply of Maleic Anhydride.
Ashland POLÍMEROS DO BRASIL S.A. Rua Arthur Cesar, 200 (km 53-Rod. Castelo Branco), Bairro da Ronda, Aracariguama, Sao Paulo, Brazil	ISO 9001:2015 Manufacture, Blending and Supply of Unsaturated Polyester Resins to the Composites Industry.
Ashland (Changzhou) Specialty Chemical Co., Ltd. No 4 Huanghai Road, Changzhou, Jiangsu 213034, China	ISO 9001:2015 Blending and Supply of Thermoset, Solvent Based, and Coatings and Laminates.
Ashland Changzhou Advanced Chemical Co., Ltd. 68 Huashan Road, Changzhou New District, Changzhou City, Jiangsu 213022, China	ISO 9001:2015 Manufacture, Blending and Supply of Unsaturated Polyester and Vinyl Ester Resins to the Composites Industry.
ISP Lima LLC 1220 South Metcalf Street, Lima, OH, 45804, United States	ISO 9001:2015 Manufacture of 1,4 Butanediol and Tetrahydrofuran/Water Stream.
Ashland Finland Oy Kilpilahden Teollisuusalue, Mouvintie 35, FIN 06850 Kulloo, Finland	ISO 9001:2015 Manufacture, Blending and Supply of Unsaturated Polyester Resins to the Composites Industry.



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Ashland Industria de Ingredientes do Brasil Ltda. Via das Painerais, 3864 Bairro Pinhal, Cabreuva, 13315-000, Sao Paulo, Brazil	ISO 9001:2015 Production and Commercialization of Additives, Functional Blends and Ingredients to the Food Industry.
ISP Chemicals LLC Industrial Road Building 5565, Huntsville, AL, 35804, United States	ISO 9001:2015 Production and Distribution of Iron Pentacarbonyl and Carbonyl Iron Powder.
Avoca LLC 325 Deming Way, Summerville, SC, 29483, United States	ISO 9001:2015 The Production of Stanol and Sterol Esters of Vegetable Oils for Food Ingredients.
Ashland France SAS ZI NORD, 8 rue des Fontangues, 55400 Etain, France	ISO 9001:2015 Manufacture, Blending and Supply of Unsaturated Polyester Resins to the Composites Industry.

