

Certificate of Approval

This is to certify that the Management System of:

Ashland Inc.

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

has been approved by LRQA to the following standards:

ISO 9001:2015

Approval number(s): ISO 9001 – 00008106

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:

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.

Cliff Muckleroy

Area Operations Manager Americas

Issued by: LRQA Limited



Certificate Schedule

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.
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 455 North Main Street, Calvert City, KY, 42029, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
ISP Chemicals LLC 116 Summit Avenue, Chatham, NJ, 07928, United States	ISO 9001:2015 Manufacture of Preservatives and Allantoin for the Personal Care Industry and Industrial Preservatives.
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.
Ashland Specialty Ingredients G.P. 1111 Hercules Road, Hopewell, VA, 23860, United States	ISO 9001:2015 Manufacture of Sodium Carboxymethyl Cellulose, Hydroxyethyl Cellulose, Hydroxypropyl Cellulose, Ethyl Cellulose, and Various Fluidized Polymer Systems.



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Location	Activities
Ashland Specialty Ingredients G.P. One Mill Street, Kenedy, TX, 78119, United States	ISO 9001:2015 Manufacture of Guar Gum, Guar Derivatives, Cellulose Products and Rheology Modifiers.
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 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.
Ashland Specialty Ingredients G.P. 50 South Minnisink Avenue, Parlin, NJ, 08859, United States	ISO 9001:2015 Manufacture of Hydroxyethyl Cellulose and Modified Hydroxyethyl Cellulose.
Avoca LLC 325 Deming Way, Summerville, SC, 29483, United States	ISO 9001:2015 Manufacture of Ingredients for the Food, Nutraceutical, Personal Care, Cosmetic and Industrial Markets.
ISP Technologies Inc. 4501 Attwater Avenue and State Highway 146, Texas City, TX, 77592, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
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.



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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 841 Avoca Farm Road, Merry Hill, NC, 27957, United States	ISO 9001:2015 Manufacture of Ingredients for the Food, Nutraceutical, Personal care, Cosmetic, and Industrial Markets.
Avoca, LLC N92W14350 Anthony Avenue, Menomonee Falls, WI, 53051, United States	ISO 9001:2015 Manufacture of Ingredients for the Food, Nutraceutical, Personal care, Cosmetic, and Industrial Markets.
Ashland Specialties Belgium BV Haven 1920, B 9130, Doel-Beveren, Belgium	ISO 9001:2015 Manufacture of Methyl Cellulose, Hydroxy Propyl Methyl Cellulose, and Methyl Hydroxy Ethyl Cellulose.
Ashland Industria de Ingredientes do Brasil Ltda. Via das Painerais, 3864 Bairro Pinhal, Cabreuva, 13315-000, Brazil	ISO 9001:2015 Production and Commercialization of Additives, Functional Blends and Ingredients to the Food Industry.
Ashland Chemicals (Nanjing) Co., Ltd. No. 198 Zhao Qiao He Road, Nanjing Chemical Industrial Park, Nanjing 210047, China	ISO 9001:2015 Manufacture of Hydroxyethylcellulose (HEC) and Pharma film coating premix, Processing of Cellulose ethers and Pyrrolidones as Pharmaceutical Excipients.
Ashland Specialties France SARL 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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Ashland Specialties France SARL 655 Route Du Pin Montard, 06410 Biot, France	ISO 9001:2015 Industrialization, Manufacturing, Specification, and Distribution of Specialty Ingredients for Cosmetic Industries.
Ashland Industries Nederland BV Noordweg 9, 3336 LH Zwijndrecht , The Netherlands	ISO 9001:2015 Manufacture of Hydroxy Ethyl Cellulose and Finished Product Application Testing.
ISP Microcaps (UK) Ltd. Unit 8-9, Stepnell Reach, Poole, Dorset, BH16 5BW, United Kingdom	ISO 9001:2015 Manufacture and Supply of Products Based on Microencapsulation Technologies and Liquid Crystal Materials.
Techwax Ltd Unit 4b Whinbank Park, Whinbank Road, Newton Aycliffe, Co., Durham, DL5 6AY, United Kingdom	ISO 9001:2015 Manufacture and Supply of Oilfield Chemicals, Contract Manufacturing and Blending of Specialty Chemicals.

