

#### **CERTIFICATE OF APPROVAL**

This is to certify that the Management System of:

## E. I. DuPont de Nemours and Company 974 Centre Road Wilmington, Delaware 19805, USA

has been approved by Lloyd's Register Quality Assurance to the following Management System Standard:

ISO 14001:2004

The Management System is applicable to:

## Manufacture of Science-Based Products for Agriculture, Nutrition, Electronics, Communications, Safety and Protection, Home and Construction, Transportation and Apparel Markets.

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.

Approval

Certificate No: UOA 4000824/A

Original Approval:

January 21, 2009

Current Certificate:

February 22, 2017

Certificate Expiry:

January 20, 2018

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





# E. I. DuPont de Nemours and Company

## **Head Office:**

Global Headquarters 974 Centre Road Wilmington, Delaware 19805, USA

## Locations:

Arroyito Danisco Site Avda. Pagani 47 CP-2434 - Arroyito Córdoba, Argentina

Asturias Site CP-33469 Valle de Tamón, Carreño Asturias, Spain

Avon/MECS MECS, Inc. 1778 Monsanto Way Martinez, California 94553, USA

Bangpoo Site 402 Moo 4, Bangpoo Industrial Estate Preakasa, Muang, Samutprakarn 10280 Thailand

Barra Mansa Site Km 280A, Presidente Dutra Road Floriano – Barra Mansa Rio de Janeiro, Brazil, 27365-000

## **Activities:**

Headquarters Activities in Support of the Global Manufacturing Sites and EMS Oversight.

## **Activities:**

The Manufacture of Enzymes for the Food and Feed Industry.

Manufacture of Nomex®, Crop Protection and ICI Products.

Manufacture of Sulfuric Acid Catalyst for the Phosphate Fertilizer, Oil Refining and Metal Smelting Industries.

Manufacture of Crop Protection Products.

Manufacture of Crop Protection Products.

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## E. I. DuPont de Nemours and Company

#### **Locations:**

Bayport Site 9701 Bayport Boulevard Pasadena, Texas 77507, USA

Beijing/Hariou DuPont Nutrition Food Ingredients (Beijing) Co.,Ltd. No.28 Yanqi Street Yanqi Economic Developing Zone Huairou District, 101407 Beijing, Peoples Republic of China

Berazategui Site Diagonal Obispo Novak 4594 Berazategui, Buenos Aires CP B1880EED Argentina, 1884

Bogota Cra 90 A No.64C-54 Alamos Bogota-Cundinamarca (Colombia), 571

Cape Town
Danisco South Africa Pty Ltd
33 Kunene Circle
Omuramba Park, Montague Gardens
Cape Town 7441, South Africa

## **Activities:**

Manufacture of Polyimide Kapton® Film.

Processing and Production of Probiotic Solid Beverage and Other Products (Lactic Acid Bacteria Powder Blends) as well as Health Food in Powder Form for Food and Health Food.

Manufacture of Performance Engineering Polymers and Warehouse Activities.

Manufacture of Microbial Coagulants Enzymes.

Manufacture of Dry Powder Blend Products for the Food Industrial Sectors.



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# E. I. DuPont de Nemours and Company

## **Locations:**

## **Activities:**

Cernay-Uffholtz Site 82 Rue de Wittelsheim Cernay 68701, France And Rue de la Scierie Uffholtz 68700, France

Chambers Works Site 67 Canal Road K-37 Building – Room 209 Deepwater, New Jersey 08023, USA

Circleville Site 800 DuPont Road Circleville, Ohio 43113, USA

Cooper River Site 3300 Cypress Gardens Road Moncks Corner, South Carolina 29461, USA

Danisco Deutschland GmbH Busch-Johannsen Straße 1 and Gotteskoogstraße 40 -42 Niebüll, Germany, 25899

DANISCO FRANCE DANGÉ-SAINT-ROMAIN ZA de Buxières - BP 10 Dangé-Saint-Romain, France, 86220 Manufacture of Crop Protection Products.

Manufacture of Aramid Intermediates and Perfluoroelastomers.

Manufacture of Kapton® Films, Teflon® Films, Tedlar® Products and Vespel® Polyimide Resins.

Manufacture of Hytrel® Engineering Thermoplastic Elastomers, Crastin® Polybutylene Terephthalate Thermoplastic Polyster Resins, and Kevlar® Aramid Fiber.

Manufacturer of Cultures for the Food , Agricultural, and Pharmaceutical Industries.

Manufacture of Alimentary Ingredients and Auxiliaries for the Food Industry.

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## E. I. DuPont de Nemours and Company

### **Locations:**

DANISCO FRANCE MELLE Route de Limoges Melle, France, 79500

DANISCO FRANCE SASSENAGE 10 rue de Clémencières Sassenage, France, 38360

DANISCO LANDERNEAU SAS 2 Rue La Grande Palud La Forest-Landerneau, France, 29800

Dayton Site 1515 Nicholas Road Dayton, Ohio 45418, USA

DMR Toyama 3 Kaigandohri, Toyama-Shi Toyama 931-8601, Japan

## **Activities:**

Manufacture of Biochemical Specialities.

Manufacture of Freeze-Dried Lactic Acid Bacteria for the Dairy Industry and Ammonium Lactate for the Feed Industry.

Manufacture of Alginic Acids, Alginates and Alginates Based Formulation Products for the Food, Pharmaceutical and Technical Industrial Sector.

Manufacture and Testing of: Deep UV Resins, Anti-Reflective Coatings, Polyamides and Other Chemicals used in the Microelectronic Industry. Polymer Resins and Resin Suspensions used in Printing Applications as well as Agricultural and Animal Health Products and Intermediates used in Cosmetic Applications.

Manufacture of Solid Surface Products.



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## E. I. DuPont de Nemours and Company

## **Locations:**

Dordrecht Site Baanhoekweg 22 Dordrecht 3313LA, The Netherlands

Dupac Pudong / Jinshan No. 3055 Pudong Beilu, and No. 39, Shungong Road, SCIP (Shanghai Chemical Industrial Park) Shanghai, P.R. China

DuPont Khimprom 101, Promyshlennaya Str. Novocheboksarsk City, Chuvash Republic Russia, 429952

DuPont Shineway Luohe Protein Company Limited; DuPont Shineway Luohe Food Company Limited, Ganjiang Road, Shuanghui Industrial Park Luohe City, Henan 462000, China

El Paso Illinois Site 2830 U.S. Highway 24 El Paso, Illinois 61738, USA

EMDD-Dongguan Site Zhouxi, Nancheng District Dongguan, Guangdong, China 523077

## **Activities:**

Formaldehyde and Delrin® Polyacetaal Resins; and Ethylene Copolymers.

Manufacture of Agricultural Chemicals and Intermediates.

Manufacture of Herbicides.

Manufacture of Soy Protein Products.

Manufacture of Herbicides.

Manufacture of Materials for Semiconductor Products and Electronic Components (Electronic Compositions, Intermediates).

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# E. I. DuPont de Nemours and Company

## **Locations:**

# Activities:

Epernon
Danisco France
Rue des quatre filles
Epernon F-28230, France

Manufacturer of Frozen Starter Cultures for the Food Industries.

Esteio Brazil Site 702 Federal Road 116, Esteio Rio Grande do Sul Esteio, Brazil 93270000 Manufactures Soy Isolated, Concentrate and Textured Protein, and Soy Lecithin Products.

Fayetteville Works Site 22654 NC Highway 87 West Fayetteville, North Carolina 28306, USA

Manufacture of Polyvinyl Fluoride.

Fort Madison Site 801 35<sup>th</sup> Street Fort Madison, Iowa 52627, USA Manufacture of Digital InkJet Products, Specialty Products, and Colorants.

Gibson City Site 124 South Route 47 Gibson City, Illinois 60936, USA

Manufacture of Soybean Meal, Soy Oil, Soy Proteins, and Soy Lecithin Products.

Girraween Site 179 Magowar Road Girraween, NSW 2145, Australia Manufacture of Herbicide Products

Guangzhou Site No. 22, 2<sup>nd</sup> NanXiang Road Guangzhou Science City Guangzhou China

Manufacture of Polyester and Acrylic Sheets and Polyester Shapes Products.

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## E. I. DuPont de Nemours and Company

## **Locations:**

Haderslev Site DuPont NHIB Denmark ApS Langkær 22, DK-6100 Denmark

Hayward Site 2520 Barrington Court Hayward, California 94545, USA

Houston Manufacturing Site 12701 Almeda Road Houston, Texas 77045, USA

Hsin-Chu Site No. 2 Li-Hsin 4<sup>th</sup> Road HsinChu Science Park Hsin-Chu 30078, Taiwan

leper Site Zwaanhofweg 1 leper 8900, Belgium

James River, Spruance and Richmond Zytel® Site 5401 Jefferson Davis Highway Richmond, Virginia 23234, USA 5203 DuPont Site Road Richmond, Virginia 23234, USA and 1201 Bellwood Rd., Richmond, Virginia 23237

## **Activities:**

Manufacture of Emulsifiers and Stabilizers Blends for the Food Industrial Sectors.

Manufacture of Specialty Chemical Products.

Manufacture of Crop Protection Products.

Manufacture of Kapton Polyimide Film, Pyralux/CooLam Polyimide Complex CCL, Semiconductor Process Remover Products, Wafer-Level Photoresist, DC (Digital Circuitry), and Riston Dry Film.

Manufacture of Soy Isolates.

Manufactures Kevlar®, Nomex®, Tyvek®, and Zytel® Brand Products and Gypsum for the Agricultural and Materials Construction Sectors.

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# E. I. DuPont de Nemours and Company

## **Locations:**

## **Activities:**

Kingston Site 505 Front Road and 455 Front Road Kingston, Ontario K7L 5A1 & K7L 4Z6, Canada Manufacture of Additive Concentrate and Engineered Elastomer Products.

Kinston Site 4693 Highway 11 North Grifton, North Carolina 28530, USA

Manufacture of Sorona® Polymer Products.

Kunshan Danisco Site 288 Shunfan Bei Lu, Kunshan Economic & Technical Development Zone, Jiangsu Province P.R. China 215300

Production of Emulsifiers, Functional Systems, Textual Ingredients and Food Powder Products.

Landgraaf Site Minckelersstraat 8 Landgraaf 6372 PP, The Netherlands

Manufacture of Nylon Monofilaments.

Lerma Site/Ocoyoacac Site Km. 52.5 Carretera Mexico-Toluca Parque Industrial Lerma Lerma, Estado de Mexico, CP. 52000 And Km. 45.5 Carretera Mexico-Toluca Colonia Juarez Ocoyoacac, MexicoCP. 52743 Manufacture of Crop Protection Products.

Little Hocking Site 251 Arrowhead Road Little Hocking, Ohio 45742, USA

Manufacture of Compounded Polymer Products.

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# E. I. DuPont de Nemours and Company

## **Locations:**

Logan Site 1750 North, 800 West Logan, Utah 84321, USA

Lungtan Site No. 801, Sec. 2 Yangtong Road, Sanhe Vil. Lungtan District, Taoyuan City 32543, Taiwan

Luxembourg Site Rue General Patton Contern 5326, Grand Duchy of Luxembourg

Madison Site Danisco USA Inc. 3322 Agriculture Drive Madison, Wisconsin 53716, USA

Madurai Site Madurai-Melur Road Therkkutheru, Madurai 625 112, India

## **Activities:**

Manufacture of Holographic Film Products.

Manufacture of Insecticides and Fungicides.

DuPont de Nemours (Luxembourg) s.à r.l. – Manufacture of Spunbonded Polyethylene, Spunbonded Polypropylene, Thermoplastic Polyester Elastomer and Thermoplastic Polyester Resin.

DuPont Teijin Films™ Luxembourg S.A.
-Manufacture of Polyester Films and Polyester Resin.

Manufacture of Frozen and Freeze Dried Bacterial Cultures for Dairy, Probiotic, Silage, Bakery and other Food Applications, also the Processing of Coagulants, Enzymes and Antioxidants used in Foods.

Manufacture of Nylon Monofilament.

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# E. I. DuPont de Nemours and Company

## **Locations:**

## **Activities:**

Manati DACI Site Highway 686, Km. 2.3 Manati 00674, Puerto Rico Manufacture and Synthesis of Herbicide Active Ingredients.

Louisville Site 4250 Campground Road Louisville, Kentucky 40216, USA Manufacture of Vinyl Fluoride and Hydrogen Fluoride.

Manati DEMI Site Highway 686 Km. 2.3 Manati 00674, Puerto Rico Manufacture of Pastes and Liquid Dispersion.

Maydown Site 60 Clooney Road Co. Londonderry Northern Ireland BT47 6TH, United Kingdom Manufacture of Kevlar® Products.

Mechelen Site Antoon Spinoystraat 6 Mechelen, Belgium B-2800 Manufacture of Performance Polymers and Vespel® Part.

Memphis Solae Site 4272 South Mendenhall Road Memphis, Tennessee 38141, USA

Manufacture of Soy Isolate Products.

Mobile Manufacturing Center 12650 Highway 43 Axis, Alabama 36505, USA

Manufacture of Pesticides and Specialty Chemical Products.

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## E. I. DuPont de Nemours and Company

#### **Locations:**

Monroe Site 1901 Piedmont Drive Monroe, North Carolina 28110, USA

Neu Isenburg Plant Du-Pont-Strasse 1 Neu Isenburg D-63263, Germany

New Century
Danisco USA
Emulsifier Plant (DUSK)
201 New Century Parkway
NewCentury, Kansas 66031, USA

Niebüll Danisco Site Busch-Johannsen Straße 1 and Gotteskoogstraße 40 - 42 25899 Niebüll, Germany

Pargua Longitudinal Sur km 1078,6 Pargua , Comuna de Calbuco 5570000, Chile And Punta Arenas Camino Río Seco km 7,5, Punta Arenas, 6200000, Chile

Parlin Site 250 Cheesequake Road Parlin, New Jersey 08859, USA

## **Activities:**

Manufacturer of Ultra High Molecular Weight Tape Products for use in Military and Civilian Ballistic Protection.

Manufacture of Cyrel® Photopolymer Printing Plate Products and Cyrel® round Printing Sleeves.

Production of Emulsifiers, Enzyme Blends, Functional Systems and By-Products for the Food Industry.

Manufacture of Cultures for the Food, Agricultural, and Pharmaceutical Industries.

Production of Carrageenan for Food Industry.

Manufacture of Photopolymer Printing Plates, Fluoropolymer Non-Stick Finishes, Dispersions and Adhesives.

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## E. I. DuPont de Nemours and Company

## **Locations:**

Penang Lot 2639, Lorong Perusahaan Satu, Prai Industrial Estate, Prai Malaysia, 13600

Pencader Site 350 Bellevue Road Newark, Delaware 19713, USA

Pontchartrain Site 586 Highway 44 LaPlace, Louisiana 70068, USA

Pryor Site 5532 Hunt Street Pryor, Oklahoma 74361, USA

Remington Site 413 Cressy Avenue And 310 Cressy Avenue Remington, Indiana 47977, USA

Rochester Site 69 Seneca Avenue Rochester, New York 14621, USA

Rochester N&H Site 1700 Lexington Avenue Rochester, New York 14606, USA

## **Activities:**

Manufacture of Emulsifier and Functional System Blends.

Manufacture of Vespel Parts & Shape Products.

Manufacture of Diamine Products.

Manufacture of Soy Isolate, Soy Solubles and Soy Fiber Products.

Manufacture of Soy Protein, Lecithin, and Soy Oil Products.

Manufacture of Digital InkJet Products.

Manufacture of Active Cultures that are used in Dairy Food Products and Dietary Supplements for Humans and Feed Additives for Animals.

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## E. I. DuPont de Nemours and Company

## **Locations:**

Sabine Site 3055 Farm-to-Market Road 1006 Orange, Texas 77630, USA

Saint Clair River Site 291 Albert Street Corunna, Ontario NON 1G0, Canada

Sakra Site 1B Sakra Avenue 627749 Singapore

Savli Site 1
Plot No. 11, G.I.D.C. Savli, Village Manjusar Vadodara, State Gujarat 391 775, India And Savli Site II
Plot No. KV1/1, G.I.D.C. Savli, Village Alindra, Manjusar GIDC Vadodara, State Gujarat 391 775, India

Shenzhen Apollo DuPont Apollo Hi-Tech Industrial Park, East Guangming Hi-Tech Zone, Guangming New District, Shenzhen, Guangdong, P.R.C Shenzhen, Guangdong, China 518107

## **Activities:**

Manufacture of Ethylene Based Copolymers.

Manufacture of Coextrudable Adhesives; Polymer Modifiers; Peroxide Master Batches; and Ethylene Acrylic Elastomers.

Manufacture of Nylon Polymers.

Manufacture of Crop Protection Products, Engineering Polymers.

Manufacture of Engineering Polymer Resin; Modified Ethylene Copolymer; Slitting/Cutting and Packaging of RISTON® Films.

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## E. I. DuPont de Nemours and Company

## **Locations:**

Smirice Danisco Site Palackého 6 Smirice, 503 03, Czech Republic

Sohna Danisco India Pvt. Ltd. Plot No-15, 45 & 46, Roz-Ka-Meo Industrial Area Haryana, India, 122103

Song Than Site 12 Thong Nhat Avenue Song Than 2 Industrial Park, Di An Binh Duong Province, Vietnam

St Joseph 4509 S. 50th St. St. Joseph, Missouri, 64507

Surabaya/Pasuruan Site Maspion Unit II, Desa Banjar Kemantren Buduran Sidoarjo East Java and JI. Rembang Industri I 48 A/B Kawasan Industri PT. PIER Rembang Pasuruan Sidoarjo Pasuruan East Java, Indonesia 67153/61252

## **Activities:**

Manufacture of Pectin for the Food Industry.

Blending of Emulsifiers, Stabilizers and Enzymes and Repacking of Enzymes as Single or in Combination Products for the Food, Feed & Technical Applications.

Repacking of Crop Protection Products.

Blender of Dry Food Ingredients During the Manufacture of Thickeners, Gels, and Stabilizers, Culture Media, and Vitamin Blends for the Food and Beverage Industry.

Formulation, Extrusion and Packaging of Crop Protection Products.

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## E. I. DuPont de Nemours and Company

## **Locations:**

92370

Taoyuan Site No. 45, Hsing-Pont Road Taoyuan City, Taiwan

Tecomán Danisco Site
Km 37 Carretera Colima – Manzanillo
Tecomán, Colima 28100, Mexico
And
Apatzingan
Km. 1 Carretera Apatzingán-Aguililla
Apatzingán, Michoacán / Mexico, 60667
And
Veracruz
Km. 7.5 Antiqua carretera Álamo-Tampico

Álamo, Tempachae, Veracruz / Mexico,

Terre Haute Danisco Site 11 West Litesse Drive Terre Haute, Indiana 47802, USA

Thetford Mines Site 1045 Monfette Est Theford Mines, Quebec G6G 7K7, Canada

Towanda Site DuPont Electronic Technologies Patterson Boulevard Towanda, Pennsylvania 18848, USA **Activities:** 

Manufacture of Thick Film Pastes.

Production of Citrus Pectin for the Food Industry.

Production of Dried Citrus Peel.

Production of Dried Citrus Peel.

Manufacture of Litesse® for the Food Industry.

Manufacture of Engineered Stone Slabs.

Manufacturer of RISTON®, VACREL®, PYRALUX®, GREEN TAPE® Low Temperature Co-Fire Ceramics; Holographics and Direct Bond Adhesives, Ink Jet Barrier Films, and CYREL® Packaging Graphics Products.

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## E. I. DuPont de Nemours and Company

## **Locations:**

Tralee Site 5 Tralee Road Newark, Delaware 19714, USA

Tuas South 31, Tuas View Circuit Singapore, 637470

Tuas West Site 7 Tuas West Avenue Singapore 638440

Uentrop Site Frielinghauser Straße 5 Hamm 59071, Germany

Ulsan Site Youngjam-Ro 416 Nam-ku Ulsan 44783, Korea

Utsunomiya Site 19-2 Kiyohara Kogyodanchi Utsunomiya, Tochigi, Japan 321-3231

Vaasa Finnfeeds Oy Site Myllykatu 20 and Reininkatu 7 Vaasa FI-65100, Finland

## **Activities:**

Manufacture of Kalrez® and Custom Shape Type Products.

Manufacture Insecticide Liquid Formulation. Manufacture Digital Ink Formulation.

Manufacture of Vespel® Polyimide Parts and Shapes.

Manufacture of Engineering Polymers on Polyamid Basis (Zytel®).

Manufacture of Engineering Polymers and Solid Surface Products.

Manufacture of Engineering Polymers and Typar® Products.
DuPont-Asahi Flash Spun Products Co., Ltd. Manufacture of Tyvek® Products.

Manufacture of Additives and Premixtures for the Feed Industry.

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## E. I. DuPont de Nemours and Company

#### **Locations:**

Valdosta Site 2509 Rocky Ford Road Valdosta, Georgia 31601, USA

Valencia Avenida Espioca, 24 Silla (Valencia) 46460, Spain

Valley View Site 6200 Hillcrest Drive Valley View, Ohio 44125, USA

Victoria Site 2697 Old Bloomington Road North Victoria, Texas 77905, USA

Vinay Site 2 avenue Brun Faulquier Vinay 38470, France

Washington Works Site 8480 DuPont Road, Building 24 Washington, West Virginia 26181, USA

## **Activities:**

Manufacture of Crop Protection Products.

Processing of Locust Bean Gum and Vegetable Protein for Food and Pet Food Grades.

Manufacture of Compression Molded, Close Tolerance-Machined Composite Parts.

Manufacture of Ethylene Based Co-Polymers.

Manufacture of Alimentary Ingredients and Auxiliaries for the Food Industry.

Manufacture of Polyacetals, Nylon Polymers, Compounded Polymer Resins, Nylon Filaments.

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# E. I. DuPont de Nemours and Company

## **Locations:**

Wuxi Site No. 18 Xingda Road Yuqi Town, Huishan District Wuxi City, Jiangsu Province 214183, China

Wuxi - IB Site Gcor China Bio-Prod Co Ltd 102, Mei Li Road, Wuxi New District, Wuxi, 214028 Peoples Republic of China Yerkes Site 3115 River Road Buffalo, New York 14207, USA

Zaandam Site Danisco Zaandam BV Oostzijde 155 1502 BC, Zaandam Netherlands

Zhangjiagang Site Fenghuang Town, Zhangjiagang City Jiangsu Province 215613 Peoples Republic of China

Approval Certificate No: UQA 4000824/A **Activities:** 

Manufacture of Nylon Filaments and Resin Products.

Manufacture of Enzymes.

Manufacture of Corian® and Tedlar® Products.

Manufacture of Guar Gum Products for the Food, Pharmaceutical, Textile and Other Industrial Sectors.

Manufacture of Cellulose Gum (CMC) Products for the Food Additives Industrial Sectors.

Original Approval: Current Certificate:

Certificate Expiry:

January 21, 2009 February 22, 2017 January 20, 2018

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