



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
114085-2012-AE-USA-ANAB

Initial certification date:
08 April, 2022

Valid:
24 June, 2023 – 23 June, 2026

This is to certify that the management system of
Nouryon Chemicals LLC
15115 Park Row, #250, Houston, Texas, 77084, USA
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:
**AMERICAN CHEMISTRY COUNCIL'S
TECHNICAL SPECIFICATION RC14001:2015
AND ISO 14001:2015**

This certificate is valid for the following scope:

Nouryon Chemicals LLC Integrated Supply Chain HQ'd in Houston, TX USA, with Regional Support and Manufacturing Alkoxylates, Amine Surfactants, Ethyl Hydroxyethyl Cellulose Ether (EHEC), Naphtalene Sulphonates, Sodium and Bio Polymers, Sulfur Derivatives, Expancel, High Purity Metal Organics (HPMO), Hydrogen Peroxide, Colloidal Silica Solutions, Levasil, Metal Alkyls, Organic Peroxides and other organic initiators, AZO Compounds, Accelerators, Polymerization Catalysts, Acid Chlorides, Polymer Additives, Carbon Disulfide, Sulfuric Acid, Polymeric Sulfur, Sulfur Monochloride, Sulfur Dichloride, Sodium Hydrosulfide, Monochloroacetic Acid, and Sodium Chlorate.

Place and date:
Katy, TX, 15 June, 2023

For the issuing office:
DNV - Business Assurance
1400 Ravello Drive, Katy, TX, 77449-5164, USA



Sherif Mekkawy
Management Representative

Appendix to Certificate

Nouryon Chemicals LLC

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Nouryon Chemicals LLC	15115 Park Row, #250, Houston, Texas, 77084, USA	Regional management and support for manufacturing operations in the Americas.
Nouryon Chemicals Ltd.	3910 Wanuskewin Road, Saskatoon, Saskatchewan, S7P 0B7, Canada	Manufacturing of amine surfactants.
Nouryon Surface Chemistry LLC	8005 Tabler Road, Morris, Illinois, 60450, USA	Manufacturing of specialty surfactants and functional organic polymers.
Nouryon Surface Chemistry LLC	15200 Almeda Road, Houston, Texas, 77053, USA	Manufacturing of specialty surfactants and functional organic polymers.
Nouryon Pulp and Performance Chemicals LLC	1501 Brookfield Avenue, Green Bay, Wisconsin, 54313, USA	Manufacturing of colloidal silica solutions and products based on colloidal silica.
Nouryon Pulp and Performance Chemicals LLC	1616 Marvin Griffin Road, Augusta, Georgia, 30906, USA	Manufacturing of colloidal silica solutions and products based on colloidal silica.
Nouryon Pulp and Performance Chemicals LLC	4374 Nashville Ferry Road East, Columbus, Mississippi, 39702, USA	Manufacturing of sodium chlorate and hydrogen peroxide.
Nouryon Pulp and Performance Chemicals LLC	2701 Road N-NE, Moses Lake, Washington, 98837, USA	Manufacturing of sodium chlorate.
Nouryon Pulp and Performance Canada Inc.	1900 St-Patrice Eas, Magog, Quebec, J1X 3W5, Canada	Manufacturing of sodium chlorate.
Nouryon Surface Chemistry LLC	485 Cedar Spring Road, Salisbury, North Carolina, 28147, USA	Manufacturing of specialty surfactants and functional organic polymers.
Nouryon Surface Chemistry LLC	611 East Northside Drive, Fort Worth, Texas, 76164, USA	Manufacturing of specialty surfactants and functional organic polymers.
Nouryon Surface Chemistry LLC	909 Mueller Avenue, Chattanooga, Tennessee, 37406, USA	Manufacturing of specialty surfactants and functional organic polymers.
Nouryon Functional Chemicals LLC	730 Independence Parkway S, La Porte, Texas, 77571, USA	Manufacturing of proprietary catalyst and catalyst components, including organometallic and high purity metalorganic chemicals (HPMO).
Nouryon Functional Chemicals LLC	12900 Bay Park Road, Pasadena, Texas, 77507, USA	Manufacturing of organic initiators.
Nouryon Functional Chemicals LLC	13440 Highway 43 N, Axis, Alabama, 36505, USA	Manufacturing of carbon disulfide, sulfuric acid, polymeric sulfur, sulfur monochloride, sulfur dichloride, sodium hydrosulfide, monchloracetic acid, and other specialty chemicals.