

Certificate of Approval

This is to certify that the Management System of:

Kemira

Kemira Oyj HO, Energiakatu 4, 00180 Helsinki, Finland

has been approved by LRQA to the following standards:

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Approval number(s): ISO 9001 – 00019725, ISO 14001 – 00019723, ISO 45001 – 00019726

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.

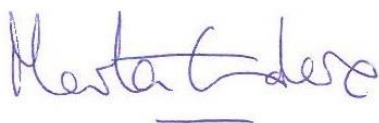
The scope of this approval is applicable to:

Design, development, sales, manufacturing, transportation planning and application sales of chemical products.

This certificate is a continuation of a previous approval from another certification body as follows:

Previous original ISO 14001 approval on 23-MAR-2015, ABS Quality Evaluations certificate number 52017

Previous original ISO 9001 approval on 23-MAR-2015, ABS Quality Evaluations certificate number 52016



Marta Escudero

Regional Director, Europe

Issued by: LRQA Limited



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Certificate Schedule

| Location | Activities |
|--|--|
| Kemira Oyj Kemira Oyj HO, Energiakatu 4, 00180 Helsinki, Finland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Global headoffice Strategy & Sustainability, Communication, People & Culture, Governance and Compliance, Finance, Operations Management, Sales of chemical products and services, and IT support. |
| Kemira Oyj Luoteisrinne 2, P.O. Box 44., FI-02271 Espoo, Finland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Research & Innovation and Technical Customer Service. |
| Kemira Oyj Rikkihappotehtaantie 6, FI-29200 Harjavalta, Finland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals Oy Tapiolankaari 50, P.O. Box 22, FI-54101 Joutseno, Finland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Chemicals Oy Patosillantie 1, P.O.Box 111., FI-45701 Kuusankoski, Finland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Chemicals Oy Typpitie 1, P.O. Box 171, FI-90101 Oulu, Finland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Oyj Titaanitie 1, FI-28840 Pori, Finland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |



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| Kemira Chemicals Oy Kemiantie 1, FI-32741 Sastamala, Finland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Australia Pty Ltd 15 Conquest Way, Hallam, VIC 3803, Australia | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Chemie GesmbH Hafenstraße 77, 3500 Krems, Austria | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Chemicals do Brazil Ltda Fazenda Apucarana Grande, km 2 s/n, Rua 7A, Distrito de Natingui, Ortigueira-PR, CEP 84350-000, Brazil | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solution. |
| Kemira Telemaco Borba Rodovia do Papel PR 160 KM 222, s/nº, Distrito Industrial do Triangulo, Telemaco Borba, Paraná, CEP 84269-090, Brazil | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Chemicals Brasil Ltda Rua Castilho, 392 - 2 andar - Brooklin, São Paulo-SP, 04568-010, Brazil | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Personnel Administration, Finance, Operations Management and Sales of chemical products and services. |



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|--|--|
| Kemira Water Solutions Canada Inc. 321 Welland Avenue, ON L2R 2R2, St. Catharines, Canada | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals, Inc. 1035 Derwent Way, Delta (Vancouver), BC V3M 5R4, Canada | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Water Solutions Canada, Inc. 626 Oak Park Road, Brantford, ON N3T 5L8, Canada | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Water Solutions Canada, Inc. 3405 Blvd, Marie-Victorin, Varennes, QC J3X 1P7, Canada | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals (Yanzhou) Co., Ltd. West side of Xi'an Road, Yanzhou District, Jining City, Shandong Province 272117, China | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira TC Wanfeng Chemicals (Yanzhou) Co., Ltd. Mid of Yan'an Road, Yanzhou District, Jining City, Shandong Province 272117, China | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |



Certificate Schedule

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| Kemira Chemicals (Nanjing) Co., Ltd. No. 159 Liuzuo Road, Nanjing Chemical Industry Park, Nanjing City, Jiangsu Province 210047, China | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Research Center Shanghai Co., Ltd. 2F, Building 11(B), No. 2168 Chenhang Road, Minhang Dist., Shanghai 201114, China | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Research & Innovation of chemical products for Fiber, Fiber-based materials, Water, and Industrial applications, and Technical Customer Service. |
| Kemira (Asia) Co., Ltd. Unit 1701, No. 175 Longyao Road, Lumina Shanghai, Xuhui District, Shanghai City 200233, China | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Operations Management, Personnel Administration, Finance, IT support, and Sales of chemical products and services. |
| Kemwater ProChemie s.r.o. Pražská 54, 280 02 Kolín, Czech Republic | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemifloc a.s. Dluhonská 2858/111, 750 02 Přerov, Czech Republic | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemwater ProChemie s.r.o. Site Hulice areál vodárny Želivka, 257 63 Trhový Štěpánov, Czech Republic | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |



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| AS Kemivesi Gaasi tee 7, Lehmja küla, Rae vald, 75306 Harjumaa, Estonia | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals Germany GmbH Köln Laboratory BioCampus Cologne, Nattermannallee 1, D-50829 Cologne, Germany | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Application development of chemicals. |
| Kemira Chemicals Germany GmbH Alte Heerstr 1, D-41538 Dormagen, Germany | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals Germany GmbH Unterschweinstiege 2-14, D-60549 Frankfurt, Germany | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Personnel Administration, Finance and Sales of Chemical Products. |
| Kemira Germany GmbH Unterschweinstiege 2-14, D-60549 Frankfurt, Germany | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Personnel Administration, Finance and Sales of Chemical Products. |
| Kemira Chemicals Germany GmbH Weststraße 15, D-47495 Rheinberg, Germany | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |



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| Kemira Chemicals Indonesia PT Jl Rembang Industri III/32 - PIER, Pasuruan, Jawa Timur, 67152, Indonesia | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries. |
| Kemira Italy S.p.A. Via Ettore Majorana 8, 33058 San Giorgio Di Nogaro (Udine), Italy | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals Korea Corp 233-9, Jayu-ro, Gunsan-si, Jeonbuk 54004, Republic of Korea | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Rotterdam B.V. Moezelweg 151 (harbournumber 5610), 3198 LS, Europoort-Rotterdam, 3197 XE Botlek-Rotterdam, The Netherlands | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Rotterdam B.V. BV Botlekweg 175, Botlek Rotterdam, 3197 KA , The Netherlands | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals AS Øraveien, 14, NO-1630 Fredrikstad, Norway | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |



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| Kemira Gdańsk Sp. z o.o. ul. Grunwaldzka 411, 80-309 Gdańsk, Poland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Personnel Administration, Procurement, Customer Services, Finance, IT Support and Logistics planning. |
| Kemira Cell Sp. z o.o. ul. I Armii Wojska Polskiego 21 Ostrołęka, Poland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemipol sp. z o.o. ul. Kuźnicka 6, 72-010 Police, Poland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemipol sp. z o.o. ul. Żwirowa 73, 54-029 Wrocław, Poland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Świecie Sp. z o.o. ul. Bydgoska 1, 86-100 Świecie, Poland | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Aliada Química de Portugal Lda Rua do Amoníaco Português, nº10, Beduído, 3860-680 Estarreja, Portugal | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |



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| Kemira KTM d.o.o. Ob železnici 14, SI - 1001 Ljubljana p.p. 2703, Slovenia | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Ibérica S.A. Travessera de Gràcia 11, 08021 Barcelona, Spain | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Sales office in EMEA for chemical products and services for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Ibérica, S.A. Polígono Industrial de Villatuerta s/n, Estella, 31200 Navarra, Spain | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Ibérica S.A. Polígono industrial, S/n. Crtra Vila-Seca-La pineda, La Canonja (Tarragona) Tarragona, Spain | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira Kemi AB Industrigatan 70, 251 09 Helsingborg, Sweden | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber & Paper Industries, and Water Solutions. |
| Kemira (Thailand) Co., Ltd. Wellgrow Branch: No. 151 Wellgrow Industrial Estate, Moo 5, Bangsamak Sub-district, Bang Pakong District, Chachoengsao, 24180, Thailand | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |



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| Kemira Chemicals (UK) Ltd c/o Innospec Business Park, Oil sites Road, Ellesmere Port, Cheshire, CH65 4EY, United Kingdom | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals (UK) Ltd New Potter Grange Road, M62 Trading Estate, Goole, Humberside, DN14 6BZ, United Kingdom | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals (UK) Ltd Teesport Works, Middlesbrough, TS6 7SA, United Kingdom | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals (UK) Ltd Bowling Park Dr, Bradford, West Yorkshire, BD4 7TT, United Kingdom | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals, Inc. 200 Galleria Parkway, Suite 1500, Atlanta, GA, 30339, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Personnel Administration, Finance, Operations Management and Sales of chemical products and services. |
| Kemira Chemicals, Inc. 387 Technology Circle, Suite 300, Atlanta, GA, 30313, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Research & Innovation and Technical Customer Service. |



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| Kemira Chemicals, Inc. 2360 Doug Barnard Parkway, Augusta, GA, 30906-9288, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Water Solutions, Inc. 3925 Fort Armistead Road, Baltimore, MD, 21226, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Water Solutions, Inc. 3761 Canal Street, East Chicago, IN, 46312, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals, Inc. 200 Wateree Station Road, Eastover, SC, 29044, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Chemicals, Inc. 1525 Church Street Extension, Marietta, GA, 30060-1023, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Water Solutions, Inc. 2315 N. Sullivan Road, Spokane, WA, 99216, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |



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| Kemira Chemicals, Inc. 1150 South 35th St., Washougal, WA, 98671, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Water Solutions, Inc. 10 Bremen Avenue, St. Louis, MO, 63147, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Water Solutions, Inc. 18700 Highway 14 North, Mojave, CA, 93501, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Water Solutions Inc. 14000 E. San Bernardino Ave., Fontana, CA, 92335, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of Inorganic Coagulants. |
| Kemira Water Solutions Inc. 316 Bartow Municipal Airport, Bartow, FL, 33830-8727, United States | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of Inorganic Coagulants. |
| Kemira Uruguay S.A. Ruta Puente Puerto Km 307, Zona Franca Botnia CP 65000 Fray Bentos , Uruguay | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |
| Kemira Vietnam Co. Ltd. Workshop No. 61, Road No.1, Long Thanh Industrial Zone, Tam An Commune Long Thanh District, Dong Nai Province, Vietnam | ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Manufacturing of chemicals for Fiber, Fiber-based materials, Water, and Industrial applications. |



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