



CERTIFICATE



This is to certify that

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

with the organizational units/sites as listed in the annex

has implemented and maintains an
Occupational Health and Safety Management System.

Scope:

Development, production and distribution of pharmaceuticals, chemical products and analytical systems.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 45001 : 2018

Certificate registration no.	005356 OHS18
Date of revision	2021-06-09
Valid from	2020-11-18
Valid until	2023-11-17
Date of certification	2021-06-09



DQS GmbH

Markus Bleher
Managing Director



Annex to certificate Registration No. 005356 OHS18

Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

005356
Merck KGaA
Frankfurter Strasse 250
64293 Darmstadt
Germany

with the entities
Performance Materials Operations (PM-O),
Site Management (SM), Healthcare
Operation (HO) and Life Science
Operations (LS-O)

Including:
Merck Performance Materials
Germany GmbH
Merck Healthcare KGaA

Scope

PM-DOD: Manufacture and distribution of basic chemicals, special chemical products and analytical systems.

PM-OT: Process Development of basic chemicals, special chemical products and analytical systems

SM: Operating of infrastructure, internal service provider, supply and disposal.

Merck Healthcare KGaA: Production and distribution of chemicals.

LS-O: Development, manufacture and distribution of chemical products and analytical systems

527490
Sigma-Aldrich Chemie GmbH
Industriestrasse 25
9470 Buchs SG
Switzerland

Development, manufacturing and distribution of Life Science Products.

530377
Sigma-Aldrich Production GmbH
Industriestrasse 25
9470 Buchs SG
Switzerland

Development, manufacturing and distribution of Life Science Products.

514696
Merck Display Materials (Shanghai) Ltd.
First Floor and Second Floor Area B of
14th Building East Side and 15th building,
No. 211 Qinqiao Road, Free Trade Zone
201206 Shanghai
China

Design, development, manufacture and distribution of liquid crystal materials; distribution of other chemical materials.





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Merck KGaA

Frankfurter Strasse 250
64293 Darmstadt
Germany

Location

Scope

518298

**Merck Electronic Materials (Suzhou) Ltd.
No. 70, Longpu Road, Industrial Park
215021 Suzhou City, Jiangsu Province
China**

Production of photoresist products, edge bead
rinse thinner, remover used for electronic
industry.

240237

**Merck KGaA
Mainzer Strasse 41
64579 Gernsheim
Germany**

Development, production and distribution of
chemical products and analytical systems.

518299

**Merck Performance Materials GmbH
Rheingaustrasse 190 - 196
65203 Wiesbaden
Germany**

Design and development, production and
supply of photoresist, liquid crystals and
process chemicals for the electronic and
printing industry.

450321

**Merck S.L.U.
Polígono Industrial Merck
08100 Mollet del Valles (Barcelona)
Spain**

Production and distribution of pharmaceuticals
and chemical products.

518302

**Merck Performance Materials SAS
L'Usine de la Motte
1 Rue du Flottage
60350 Trosly Breuil
France**

Design, production and sale of colloidal silica.

450275

**Merck Santé S.A.S.
5, rue Clément Ader
62100 Calais
France**

Production of chemical products.



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Scope

**450276
Merck Santé S.A.S.
10 Av. de Lattre de Tassigny
69330 Meyzieu
France**

Production of chemical products and distribution of pharmaceuticals.

**527761
Sigma-Aldrich Co. Ltd.
Homefield Road
Haverhill, Suffolk
CB9 8QP
United Kingdom**

Manufacture of custom oligonucleotides. Sales and support of custom biomolecules and life science research products.

**527496
Sigma-Aldrich Co. Ltd.
T/A SAFC
Second Avenue
Heatherhouse Industrial Estate
Irvine
KA12 8NB
United Kingdom**

Manufacturing of cell culture related critical raw materials for the global health care industry.

**540290
PT Merck Chemicals and Life Sciences
Jl. TB. Simatupang No. 8
Pasar Rebo
Jakarta 13760
Indonesia**

Sales, marketing and distribution of Life Science and Performance Material products.

**518300
Merck Performance Materials Pvt. Ltd.
Khopoli Site
Survey No 109, 110, 112 Savroli Village,
Taluka Khalapur, Dist. Raigad
Maharashtra 410 203
India**

Design, development, manufacturing, marketing and sales of silicon resins (polysilazanes and silazanes) and formulations.





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Location

Scope

**501956
Merck Life Science Private Limited
50 A & 51, 2nd Phase, Ring Road, Peenya
Bangalore 560 058
India**

Manufacturing of filtration equipment and related products for biopharma, process solution, biomonitoring, lab water, bioscience, laboratory testing, validation and compliance services.

**530393
Sigma Aldrich Chemicals Private Limited
12, Bommasandra Jigani Link Road
Bangalore, Karnataka State 560100
India**

Development, manufacture, sales and distribution of specialty and fine chemicals.

**527495
Sigma-Aldrich Ireland Ltd.
Vale Road
Arklow, County Wicklow
Ireland**

Manufacture and supply of advanced pharmaceutical intermediates and active pharmaceutical ingredients and the procurement, sales and distribution of reagents and chemicals for research, development, production and analytical purposes.

**527758
Sigma-Aldrich Israel Ltd.
3 Plaut St., Park Rabin
Rehovot 7670603
Israel**

Development and manufacture of biochemicals and biological reagents.

**527759
Sigma-Aldrich Israel Ltd.
13-15 Kiryat Hamada St., Har Hotzvim
Jerusalem 9777613
Israel**

Development and manufacture of biochemicals and biological reagents.





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Location

Scope

518301
Merck Electronics Ltd.
Shizuoka Site
3330 Chihama,
Kakegawa-shi,
Shizuoka 437-1412
Japan

Development and production of photoresists for IC's and LCD's, other electronics materials-related chemical products (developer, thinner, rinse, remover, antireflective coating, adhesion promoter, insulating coating, protecting coating and electronic raw materials), functional coating.

537117
Merck Serono Co., Ltd.
Atsugi Pharma Operations
4050, Nakatsu, Aikawa-machi, Aiko-gun
Kanagawa 243-0303
Japan

Visual inspection and packaging of pharmaceutical products.

532377
Merck Electronics Ltd.
Atsugi Site
4084, Nakatsu, Aikawa-machi, Aiko-gun
Kanagawa Pref. 243-0303
Japan

Development, production and distribution of chemical products.

497387
Merck Ltd.
Atsugi Site
4084, Nakatsu, Aikawa-machi, Aiko-gun
Kanagawa Pref. 243-0303
Japan

Distribution of chemical products.

426640
Merck Performance Materials G.K.
Onahama Site
51-15 Izumimachi Kurosuno Aza Egoshi
Iwaki-shi, Fukushima
971-8184 Japan

Development, manufacture and distribution of chemical products.





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Location

Scope

505622
Merck Performance Materials Ltd.
306, Pyeongtaekhang-Ro, Poseung-eup
Pyeongtaek-shi,
Gyeonggi-do 451-822
Korea

Development, manufacture, marketing, sales
and servicing of chemicals.

518304
Merck Electronic Materials Ltd.
50-14 Hyupdongdanji-gil, Miyang-myeon
Anseong-si, Gyeonggi-do 17600
Korea

Research, development, production,
inspection and testing of light-sensitive
materials and related processing chemicals for
semiconductor industry.

547576
Versum Materials, Banwol
Jangjagol Ro, 82, 425-833
Danwon-gu Ansan-si, Gyeonggi-do
Republic of Korea

Manufacture and transfill of specialty gases
and chemicals.

547582
Versum Materials HYT Inc.
#283, Haebong-Ro, Danwon-gu
Ansan-Si 425-839
Republic of Korea

Design and assembly of equipment to control
limited distribution of gases and chemicals.

547591
Versum Materials, US LLC Shihwa
Shiwa Ind., Complex
143, Hyeomnyeok-ro
Siheung-si 429-450
Republic of Korea

Manufacture and transfill of specialty gases
and chemicals.

547580
Versum Materials, US LLC
88-19, Sandan-ro
Pyeongtaek-si, 459-040
Republic of Korea

Production of high purity chemicals.





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Scope

547595

**Versum Materials, US LLC Ulsan
48, Yonyeon-ro 98 beon-gil
Nam-gu 680-150
Republic of Korea**

Manufacture and transfill of specialty gases and chemicals.

527491

**SAFC Hitech Taiwan Co., Ltd.
No. 15, Luke 3rd Rd.
Kaohsiung Science Park
Luzhu Dist. 82151
Kaohsiung City
Taiwan**

Manufacture of chemicals for industrial applications for optoelectronics and semiconductor devices.

518305

**Merck Performance Materials Ltd.
No. 458-6, 8 & 11, Xinxing Rd.,
Hu Kuo Township
Hsinchu County
Taiwan**

Development and manufacture of photo-resist products, top-layer anti-reflective coating materials and other chemical products.

547592

**Versum Materials Taiwan Co., Ltd.
Taichung Branch
No. 6, Dachen S. Road
Wuci District
Taichung City 43541
Taiwan (R.O.C.)**

Provision of logistic and delivery services of associated specialty gases and chemicals for the electronics industry.

547587

**Versum Materials Taiwan Co., Ltd.
No. 772, Singnong Road
Shanhua District
74160 Tainan
Taiwan (R.O.C.)**

Manufacture and transfill of specialty gases and chemicals.





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Scope

426643
Merck Performance Materials Ltd.
No. 39, 39-1, Ching Chien 1st Road
Kuan Yin Industrial Park
Taoyuan
Taiwan

Development, manufacture and distribution of chemical products.

547577
Versum Materials, US LLC
357 Marian Avenue
Tamaqua, PA 18252
United States of America

Manufacture and transfill of specialty gases and chemicals.

547585
Versum Materials, US LLC Catoosa
1115 West Keystone
Catoosa, OK 74015
United States of America

Manufacture and transfill of specialty gases and chemicals.

547586
Versum Materials, US LLC Dallas
8201 S. Central Express Way
Dallas, TX 75241
United States of America

Production of High Purity Chemicals.

547593
Versum Materials, US LLC Tempe
8555 South River Parkway
Tempe, AZ 85284
United States of America

Manufacture Chemical Mechanical Planarization and Polishing Solutions.

547584
Versum Materials, US LLC Carlsbad
1969 Palomar Oaks Way
Carlsbad, CA 92011
United States of America

Manufacture of high purity materials and related containers.





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**450330
EMD Performance Materials Corp.
110 EMD Blvd.
Savannah, GA 31402
United States of America**

Design and development, manufacture and distribution of pigments.

**527489
EMD Performance Materials Corp.
1429 Hilldale Avenue
Haverhill, MA 01832
United States of America**

Design, development and manufacture of high purity chemicals for industrial applications such as optoelectronics and semiconductor devices.

**518306
EMD Performance Materials Corp.
70 Meister Avenue
Branchburg, NJ 08876
United States of America**

Design and manufacture of photoresist and related chemical products.

**518307
EMD Performance Materials Corp.
788 Chert Quarry Rd.
Martin, SC 29836
United States of America**

Manufacturing and development of colloidal silica.

