



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
76730-2010-AQ-KOR-KAB

Initial certification date:
25 May 2010

Valid:
19 June 2021 – 18 June 2024

This is to certify that the management system of

LOTTE CHEMICAL CORPORATION Yeosu Plant

334-27, Yeosusandan-ro, Yeosu-si, Jeollanam-do, 59616, Korea

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:
ISO 9001:2015, KS Q ISO 9001:2015

This certificate is valid for the following scope:

Design, Development and Manufacture of ABS(ACRYLONITRILE BUTADIENE STYRENE), EP(ENGINEERING PLASTIC), SAN(STYRENE ACRYLONITRILE), EPS(EXPANDABLE POLYSTYRENE), SS(SOLID SURFACE), PC(POLYCARBONATE) and QS(QUARTZ SURFACE).

Place and date:
Seoul, 27 May 2021

For the issuing office:
DNV - Business Assurance
18F, Kyobo Bldg., 1, Jong-ro, Jongno-gu, Seoul,
Korea



KAB-QC-10

Accredited by Member of the IAF for QMS



Jang Sup, Lee
Management Representative

Appendix to Certificate

LOTTE CHEMICAL CORPORATION Yeosu Plant

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
LOTTE CHEMICAL CORPORATION Yeosu Plant	334-27, Yeosusandan-ro, Yeosu-si, Jeollanam-do, 59616, Korea	Manufacture of ABS(ACRYLONITRILE BUTADIENE STYRENE), EP(ENGINEERING PLASTIC), SAN(STYRENE ACRYLONITRILE), EPS(EXPANDABLE POLYSTYRENE), SS(SOLID SURFACE), PC(POLYCARBONATE) and QS(QUARTZ SURFACE).
LOTTE CHEMICAL HUNGARY LLC. 1 Factory	Üveggyár u. 2., 2851 Környe, Hungary	Design and Manufacture of Plastic Raw Materials.
LOTTE CHEMICAL CORPORATION Uiwang HQ & R&D Center	56, Gosan-ro, Uiwang-si, Gyeonggi-do, 16073, Korea	Design, Development of ABS(ACRYLONITRILE BUTADIENE STYRENE), EP(ENGINEERING PLASTIC), SAN(STYRENE ACRYLONITRILE), EPS(EXPANDABLE POLYSTYRENE), SS(SOLID SURFACE), PC(POLYCARBONATE) and QS(QUARTZ SURFACE).
Site Name	Site Address	Site Activity
LOTTE CHEMICAL HUNGARY LLC. 2 Factory	Budai út 1/F, 2851 Környe, Hungary	Weighing, Mixing, Extruding (Compounding), Cutting & Packing.

CERTIFICATE

Certificate Number: EAC-0687501

LOTTE CHEMICAL CORP. Advanced Materials

- Yeosu Plant : 334-27, Yeosusandan-ro, Yeosu-si, Jeollanam-do, Korea (Zip code : 59616)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 14001:2015/KS | ISO 14001:2015

Scope of certification

- Yeosu Plant : Design & Development, Production and Servicing of ABS (Acrylonitrile Butadiene Styrene), ASA (Acrylate Styrene Acrylonitrile), PS (Poly Styrene), SAN (Styrene Acrylonitrile), EPS (Expandable Poly Styrene), LD (Light Diffuser), EP (Engineering Plastics), SS (Solid Surface), S&B (Sink & Bowl), PC (Poly Carbonate) and Engineered Stone (Quartz Surface)

Registration Date 2022-07-28
Initial Certification Date 2018-07-18

Expiration Date 2025-07-27
Revision Date 2022-07-22



KAB-EC-01

KFQ has been accredited in respect of ISO 14001 covered by the KAB (Accreditation Certificate Number KAB-EC-01)



Ji Young Song
President & CEO of KFQ



CERTIFICATE

Certificate Number: EAC-0687502

LOTTE CHEMICAL CORP. Advanced Materials

- Head office : 56, Gosan-ro, Uiwang-si, Gyeonggi-do, Korea (Zip code : 16073)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 14001:2015/KS | ISO 14001:2015

Scope of certification

- Head office : Design & Development and Servicing of Styrene Resin(ABS, ABS Alloy, ASA, EPS), Engineering Plastics(PC, PCAlloy, PBT, mPPE, PA, PPA, PPS, PCT), Acrylic solid surface, Engineered Stone(Natural quartz)

Registration Date 2022-07-28
Initial Certification Date 2021-08-23

Expiration Date 2025-07-27
Revision Date 2022-07-22



KAB-EC-01

KFQ has been accredited in respect of ISO 14001 covered by the KAB(Accreditation Certificate Number KAB-EC-01)



Ji Young Song

Ji Young Song
President & CEO of KFQ



CERTIFICATE

Certificate Number: EAC-0687503

LOTTE CHEMICAL CORP. Advanced Materials

- Daegu Plant : 35, Gukgasandan-dearo 40-gil, Guji-myeon, Dalseong-gun, Deagu, Korea (Zip code : 43008)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 14001:2015/KS | ISO 14001:2015

Scope of certification

- Daegu Plant : Production and Sales of UF membrane and Cassette for Water treatment

Registration Date 2022-07-28
Initial Certification Date 2021-08-23

Expiration Date 2025-07-27
Revision Date 2022-07-22



KAB-EC-01

KFQ has been accredited in respect of ISO 14001 covered by the KAB (Accreditation Certificate Number KAB-EC-01)



Ji Young Song
President & CEO of KFQ



CERTIFICATE

Certificate Number: SAC-0688001

LOTTE CHEMICAL CORP. Advanced Materials

- Yeosu Plant : 334-27, Yeosusandan-ro, Yeosu-si, Jeollanam-do, Korea (Zip code : 59616)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 45001:2018 / KS Q ISO 45001:2018

Scope of certification

- Yeosu Plant : Design & Development, Production and Servicing of ABS (Acrylonitrile Butadiene Styrene), ASA (Acrylate Styrene Acrylonitrile), PS (Poly Styrene), SAN (Styrene Acrylonitrile), EPS (Expandable Poly Styrene), LD (Light Diffuser), EP (Engineering Plastics), SS (Solid Surface), S&B (Sink & Bowl), PC (Poly Carbonate) and Engineered Stone (Quartz Surface)

Registration Date 2022-07-29
Initial Certification Date 2020-12-12

Expiration Date 2025-07-28
Revision Date 2022-07-21



KAB-OC-01

KFQ has been accredited in respect of ISO 45001 covered by the KAB (Accreditation Certificate Number KAB-OC-01)



Ji Young Song
President & CEO of KFQ



CERTIFICATE

Certificate Number: SAC-0688002

LOTTE CHEMICAL CORP. Advanced Materials

- Head office : 56, Gosan-ro, Uiwang-si, Gyeonggi-do, Korea (Zip code : 16073)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 45001:2018 / KS Q ISO 45001:2018

Scope of certification

- Head office : Design & Development and Servicing of Styrene Resin(ABS, ABS Alloy, ASA, EPS), Engineering Plastics (PC, PCAlloy, PBT, mPPE, PA, PPA, PPS, PCT), Acrylic solid surface, Engineered Stone(Natural quartz)

Registration Date 2022-07-29
Initial Certification Date 2020-12-12

Expiration Date 2025-07-28
Revision Date 2022-07-21



KAB-OC-01

KFQ has been accredited in respect of ISO 45001 covered by the KAB(Accreditation Certificate Number KAB-OC-01)



Ji Young Song
President & CEO of KFQ



CERTIFICATE

Certificate Number: SAC-0688003

LOTTE CHEMICAL CORP. Advanced Materials

- Daegu Plant : 35, Gukgasandan-dearo 40-gil, Guji-myeon, Dalseong-gun, Deagu, Korea (Zip code : 43008)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 45001:2018 / KS Q ISO 45001:2018

Scope of certification

- Daegu Plant : Production and Sales of UF membrane and Cassette for Water treatment

Registration Date 2022-07-29
Initial Certification Date 2021-08-12

Expiration Date 2025-07-28
Revision Date 2022-07-21



KAB-OC-01

KFQ has been accredited in respect of ISO 45001 covered by the KAB (Accreditation Certificate Number KAB-OC-01)



Ji Young Song
President & CEO of KFQ



CERTIFICATE

Certificate Number: EN-0687901

LOTTE CHEMICAL CORP. Advanced Materials

- Yeosu Plant : 334-27, Yeosusandan-ro, Yeosu-si, Jeollanam-do, Korea (Zip code : 59616)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 50001:2018

Scope of certification

- Yeosu Plant : Design, Development, Production and Servicing of ABS (Acrylonitrile Butadiene Styrene), ASA (Acrylate Styrene Acrylonitrile), PS (Poly Styrene), SAN (Styrene Acrylonitrile), EPS (Expandable Poly Styrene), LD (Light Diffuser), EP (Engineering Plastics), SS (Solid Surface), S&B (Sink & Bowl), PC (Poly Carbonate) and Engineered Stone (Quartz Surface)

Registration Date 2022-07-29
Initial Certification Date 2020-12-12

Expiration Date 2025-07-28
Revision Date 2022-07-27



KAB-EN-02

KFQ has been accredited in respect of ISO 50001 covered by the KAB (Accreditation Certificate Number KAB-EN-02)



Ji Young Song
President & CEO of KFQ



CERTIFICATE

Certificate Number: EN-0687902

LOTTE CHEMICAL CORP. Advanced Materials

- Head office : 56, Gosan-ro, Uiwang-si, Gyeonggi-do, Korea (Zip code : 16073)

Korean Foundation for Quality certifies that the above organization has complied with the following standard requirements.

ISO 50001:2018

Scope of certification

- Head office : Design, Development and Servicing of Styrene Resin (ABS, ABS Alloy, ASA, EPS), Engineering Plastics (PC, PCAlloy, PBT, mPPE, PA, PPA, PPS, PCT), Acrylic solid surface, Engineered Stone (Natural quartz)

Registration Date 2022-07-29
Initial Certification Date 2020-12-12

Expiration Date 2025-07-28
Revision Date 2022-07-27



KAB-EN-02

KFQ has been accredited in respect of ISO 50001 covered by the KAB (Accreditation Certificate Number KAB-EN-02)



Ji Young Song
President & CEO of KFQ

