

# MANAGEMENT SYSTEM CERTIFICATE

Certificate No:  
82186-2010-AE-KOR-RvA

Initial certification date:  
19 March, 2002

Valid:  
28 July, 2016 - 15, September, 2018

This is to certify that the management system of

## LOTTE ADVANCED MATERIALS CO., LTD. Yeosu Plant

334-27, Yeosusandan-ro, Yeosu-si, Jeollanam-do, Korea  
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:  
**ISO 14001:2004, KS I ISO 14001:2009**

This certificate is valid for the following scope:

**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)**

Place and date:  
**Seoul 11 July, 2016**



The RvA is a signatory to the IAF MLA

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

**In-Kyoon Ahn**  
Management Representative

Certificate No: 82186-2010-AE-KOR-RvA  
 Place and date: Seoul 11 July, 2016

## Appendix to Certificate

### Lotte Advanced Materials Co., Ltd. Yeosu Plant

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Lotte Advanced Materials Co., Ltd. Yeosu Plant	334-27, Yeosusandan-ro, Yeosu-si, Jeollanam-do, Korea	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)
Lotte Advanced Materials Co., Ltd. Uiwang R&D Center	56, Gosan-ro, Uiwang-si, Gyeonggi-do, Korea	Design & Development and Servicing of Styrene Resin (ABS, ABS Alloy, ASA, EPS), Engineering Plastics (PC, PC Alloy, PBT, mPPE, PA, PPA, PPS, PCT), Acrylic solid surface, Engineered Stone(Natural quartz)

# MANAGEMENT SYSTEM CERTIFICATE

Site Certificate No:  
82186CC1-2010-AE-KOR-RvA

Initial certification date:  
19 March, 2002

Valid:  
28 July, 2016 - 15, September, 2018

Certificate No:  
82186-2010-AE-KOR-RvA

This is to certify that the management system of

## LOTTE ADVANCED MATERIALS CO., LTD. Yeosu Plant

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

has been found to conform to the Environmental Management System standard:  
**ISO 14001:2004, KS I ISO 14001:2009**

This certificate is valid for the following scope:

**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)**

Place and date:  
Seoul 11 July, 2016



The RvA is a signatory to the IAF MLA

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

A handwritten signature in black ink, appearing to read 'In-Kyoon Ahn', is written over a horizontal line.

**In-Kyoon Ahn**  
Management Representative

# MANAGEMENT SYSTEM CERTIFICATE

Site Certificate No:  
82186CC2-2010-AE-KOR-RvA

Initial certification date:  
19 March, 2002

Valid:  
28 July, 2016 - 15, September, 2018

Certificate No:  
82186-2010-AE-KOR-RvA

This is to certify that the management system of

**LOTTE ADVANCED MATERIALS CO., LTD.**  
**Uiwang R&D Center**  
56, Gosan-ro, Uiwang-si, Gyeonggi-do, Korea

has been found to conform to the Environmental Management System standard:  
**ISO 14001:2004, KS I ISO 14001:2009**

This certificate is valid for the following scope:

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

Place and date:  
Seoul 11 July, 2016



The RvA is a signatory to the IAF MLA

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

**In-Kyoon Ahn**  
Management Representative