

MANAGEMENT SYSTEM CERTIFICATE

Certificate No.:
02391-2010-AQ-KOB-UKAS/JAB

Initial certification date:
12 May, 2010

Valid:
17 September, 2015 - 17 September, 2018

This is to certify that the management system of

Asahi Glass Co., Ltd. Chemicals Company

1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-8405, Japan

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:
ISO 9001:2008 = JIS Q 9001:2008

This certificate is valid for the following scope:

**DESIGN & DEVELOPMENT, ENGINEERING, PURCHASE & LOGISTICS,
PRODUCTION, AND SALES & MARKETING OF FOLLOWING PRODUCTS :
CHLOR-ALKALIS, FLUORO-CHEMICALS, URETHANE, MULTI-FUNCTIONAL
FILMS AND OTHER CHEMICALS**

Place and date:
Kobe, 8 September, 2015



For the issuing office:
**DNV GL - Business Assurance
Sannomiya Chuo Bldg. 9th Floor,
4-2-20, Goko-dori, Chuo-ku, Kobe
651-0087**

A handwritten signature in black ink, appearing to read 'Naoki Maeda'.

Naoki Maeda
Management Representative

Certificate No.: 02391-2010-AQ-KOB-UKAS/JAB
Place and date: Kobe, 8 September, 2015

Appendix to Certificate

Asahi Glass Co., Ltd. Chemicals Company

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
1) Chemicals Company (Head Office)	1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-8405, Japan	Headquarters Operations, Design & Development, Purchase & Logistics and Sales & Marketing of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane, Multi-Functional Films and Other Chemicals
2) Chemicals Company (Satellite at Chiba Plant)	10 Goikaigan, Ichihara, Chiba 290-8566, Japan	Headquarters Operations and Design & Development of Following Products : Chlor-Alkalis, Fluorochemicals, Multi-Functional Films and Other Chemicals
3) Chemicals Company (Satellite at Kashima Plant)	25 Touwada, Kamisu, Ibaraki 314-0195, Japan	Design & Development of Following Products : Urethane, Headquarters Operations of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane and Other Chemicals
4) Chemicals Company (Satellite at Research Center)	1150 Hazawa-cho, Kanagawa-ku, Yokohama, Kanagawa 221-8755, Japan	Design & Development of Following Products : Fluorochemicals and Other Chemicals
5) Tokyo Sales Office	1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-8405, Japan	Sales & Marketing of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane, Multi-Functional Films and Other Chemicals
6) Osaka Sales Office	1-1-4 Shibata, Kita-ku, Osaka, Osaka 530-0012, Japan	Sales & Marketing of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane, Multi-Functional Films and Other Chemicals
7) AGC Logistics Co., Ltd. Osaka Sales Office (at Osaka Sales Office)	1-1-4 Shibata, Kita-ku, Osaka, Osaka 530-0012, Japan	Logistics of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane, Multi-Functional Films and Other Chemicals

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8) Nagoya Sales Office	6-1 Ushijima-cho, Nishi-ku, Nagoya, Aichi 451-6006, Japan	Sales & Marketing and Logistics of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane, Multi-Functional Films and Other Chemicals
9) Fukuoka Sales Office	2-2-1 Hakataekimae, Hakata-ku, Fukuoka, Fukuoka 812-8519, Japan	Sales & Marketing of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane, Multi-Functional Films and Other Chemicals
10) Chiba Plant	10 Goikaigan, Ichihara, Chiba 290-8566, Japan	Engineering, Purchase and Production of Following Products : Chlor-Alkalis, Fluorochemicals, Multi-Functional Films and Other Chemicals
11) AGC Engineering Co., Ltd. Chiba Office (at Chiba Plant)	10 Goikaigan, Ichihara, Chiba 290-8566, Japan	Engineering of Following Products : Chlor-Alkalis, Fluorochemicals, Multi-Functional Films and Other Chemicals
12) AGC Logistics Co., Ltd. Chiba Sales Office (at Chiba Plant)	10 Goikaigan, Ichihara, Chiba 290-8566, Japan	Logistics of Following Products : Chlor-Alkalis, Fluorochemicals, Multi-Functional Films and Other Chemicals
13) Ohami-Shirasato Mining Station	940 Hosokusa, Ohamishirasato, Chiba 299-3211, Japan	Engineering and Production of Following Products : Other Chemicals
14) Kashima Plant	25 Touwada, Kamisu, Ibaraki 314-0195, Japan	Engineering, Purchase and Production of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane and Other Chemicals
15) AGC Engineering Co., Ltd. Kashima Office (at Kashima Plant)	25 Touwada, Kamisu, Ibaraki 314-0195, Japan	Engineering of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane and Other Chemicals
16) AGC Logistics Co., Ltd. Kashima Sales Office Chemicals Group (at Kashima Plant)	25 Touwada, Kamisu, Ibaraki 314-0195, Japan	Logistics of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane and Other Chemicals
17) AGC Logistics Co., Ltd. Kitakyushu Sales Office (at Kitakyushu Plant)	5-1-1 Makiyama, Tobata-ku, Kitakyushu, Fukuoka 804-8520, Japan	Logistics of Following Products : Chlor-Alkalis, Fluorochemicals, Urethane, Multi-Functional Films and Other Chemicals

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18) AGC Coat-Tech Co., Ltd. Head Office	2-9 Kandnishiki-cho, Chiyoda-ku, Tokyo 101-0054, Japan	Headquarters Operations, Purchase & Logistics and Sales & Marketing of Following Products : Fluorochemicals and Other Chemicals
19) AGC Coat-Tech Co., Ltd. Research & Development Center	439-2 Matsuhidai, Matsudo, Chiba 270- 2214, Japan	Design & Development of Following Products : Fluorochemicals and Other Chemicals
20) AGC Coat-Tech Co., Ltd. Research & Development Center Kamagaya Branch	2040 Karuizawa, Kamagaya, Chiba 273-0131, Japan	Design & Development of Following Products : Fluorochemicals and Other Chemicals
21) AGC Coat-Tech Co., Ltd. Nishinohon Branch Office	2-2-18 Awaza, Nishi-ku, Osaka, Osaka 550-0011, Japan	Sales & Marketing of Following Products : Fluorochemicals and Other Chemicals
22) AGC Coat-Tech Co., Ltd. Tohoku Branch Office	2-2-11 Tsutsujigaoka, Miyagino-ku, Sendai, Miyagi 983-0852, Japan	Sales & Marketing of Following Products : Fluorochemicals and Other Chemicals
23) AGC Wakasa Chemicals Co., Ltd. Head Office / Obama Plant	24-26-1 Hansei, Obama , Fukui 917- 0044, Japan	Headquarters Operations, Design & Development, Purchase & Logistics and Production of Following Products : Fluorochemicals and Other Chemicals.
24) AGC Wakasa Chemicals Co., Ltd. Kaminaka Plant	1-4-1 Wakasa Techno Valley, Wakasa- cho, Mikatakaminaka-Gun, Fukui 919- 1552, Japan	Logistics and Production of Fluorochemicals and Other Chemicals
25) AGC Wakasa Chemicals Co., Ltd. API Plant	25-27-1 Hansei, Obama, Fukui. 917- 0044, Japan	Logistics and Production of Fluorochemicals and Other Chemicals