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Certificate JP13/071315.00

The management system of

ULVAC Group

ULVAC, Inc. 2500 Hagisono, Chigasaki-shi,
Headquarters and Headquarters Plant Kanagawa-ken Japan

has been assessed and certified as meeting the requirements of

ISO 14001:2015

For the following activities

The scope of registration appears on page 2 of this certificate

This certificate is valid from 16 January 2018 until 13 January 2021 and remains valid subject to satisfactory surveillance audits

Re certification audit due before 25 December 2020
Issue 8 Certified since 25 January 1999

This is a multi-site certification

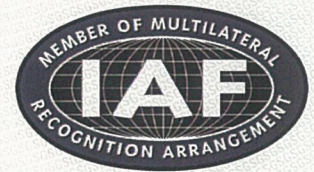
Additional site details are listed on the subsequent pages

Authorised by

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Rosmore Business Park Ellesmere Port Cheshire CH65 3 EN UK
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HC SGS 14001 2015 0118

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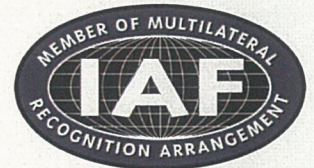


Issue 8

Detailed scope

Development, manufacture, sales, customer support and machinery importing/exporting activities related to vacuum equipment, peripheral devices, vacuum components and materials for the display, solar cell, semiconductor, electronics, electrics, metals, machinery, automotive, chemical, food and pharmaceutical industries, and for universities and research centers, research guidance and technical consulting on all aspects of vacuum technology

Additional facilities



ULVAC, Inc.

Fuji-Susono Plant

1220-14 Suyama, Susono-shi, Shizuoka-ken Japan

Institute for Semiconductor and Electronics Technologies

1220-1 Suyama, Susono-shi, Shizuoka-ken Japan

Future Technology Research Laboratory Sammu Section

523 Yokota, Sammu-shi, Chiba-ken Japan

Institute for Super Materials Future Technology Research Laboratory

10-2 Misawa, Tomisato-shi, Chiba-ken Japan

5-9-6 Tokodai, Tsukuba-shi, Ibaraki-ken Japan

Kagoshima Office

3313 Kamino, Yokogawa-cho, Kirishima-shi, Kagoshima-ken Japan

Chiba Sammu Plant

516 Yokota, Sammu-shi, Chiba-ken Japan

Chiba Tomisato Plant

10-1 Misawa, Tomisato-shi, Chiba-ken Japan

ULVAC KYUSHU CORPORATION

3313-1 Kamino, Yokogawa-cho, Kirishima-shi, Kagoshima-ken Japan

Kumamoto Processing Technology Center

100-31 Yoshitomi, Shisui-machi, Kikuchi-shi, Kumamoto-ken Japan

ULVAC TOHOKU, Inc.

6-1-16 North-Interchange Industrial Park, Hachinohe-shi, Aomori-ken Japan



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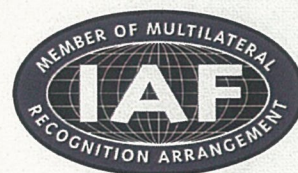
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ULVAC TECHNO, Ltd.	
Head Office	2609-5 Hagisono, Chigasaki-shi, Kanagawa-ken Japan
Higashinohon Division,	
Chigasaki CS Center	
Iwate CS Center	15-35 Ryutsu Center, Kitakami-shi, Iwate-ken Japan
Miyagi CS Center	2-3-5 Hiyoridai, Tomiya-shi, Miyagi-ken Japan
Yamagata CS Center	1863-13 Kanisawa, Higashine-shi, Yamagata-ken Japan
Gunma CS Center	430-2 Shimonomiya, Tamamura-machi, Sawa-gun, Gunma-ken Japan
Ibaraki CS Center	1232-12 Mukoyama, Naka-shi, Ibaraki-ken Japan
Tsukuba CS Center	2455-2 Fukuoka, Tsukubamirai-shi, Ibaraki-ken Japan
Saitama CS Center	2-14-11 Hirosedai, Sayama-shi, Saitama-ken Japan
Kawasaki CS Center	5-5-8 Minamikase, Saiwai-ku, Kawasaki-shi, Kanagawa-ken Japan
Mobara CS Center	3210-7 Honno, Mobara-shi, Chiba-ken Japan
Nagano CS Center	1805-3 Hirooka Nomura, Shiojiri-shi, Nagano-ken Japan
Ishikawa CS Center	1140 Urushijima-machi, Hakusan-shi, Ishikawa-ken Japan
Niigata CS Center	2-4 Toyo-cho, Myoko-shi, Niigata-ken Japan
Aichi CS Center	31 Enokida, Ohira-cho, Okazaki-shi, Aichi-ken Japan
Mie CS Center	1206-1 Seki-cho Ege, Kameyama-shi, Mie-ken Japan
Yokkaichi CS Center	2-10-17 Horiki, Yokkaichi-shi, Mie-ken Japan
Shiga CS Center	100-20 Shohoji, Oshinohara, Yasu-shi, Shiga-ken Japan
Nishinohon Division, Sakai	2-7-18 Kinrakuji-cho, Amagasaki-shi, Hyogo-ken Japan
CS Center	
Osaka CS center,	Sochimura B, 18 Takumi-cho, Sakai-ku, Sakai-shi, Osaka-fu Japan
Service Engineering 3	
Himeji CS Center	532-1 Noriyashiki, Domoto, Tatsuno-cho, Tatsuno-shi, Hyogo-ken Japan
Hiroshima CS Center	5-23 Yoshikawa-kogyodanchi, Higashihiroshima-shi, Hiroshima-ken Japan
Fukuoka CS Center	839-1 Nijomasue, Itoshima-shi, Fukuoka-ken Japan

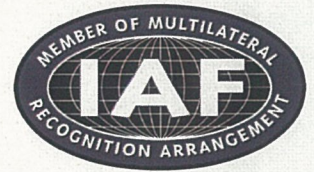
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Kumamoto CS Center

**100-31 Yoshitomi, Shisui-machi, Kikuchi-shi,
Kumamoto-ken Japan**

Miyazaki CS Center

**3191-2 Kamitonda, Shintomi-cho, Koyu-gun,
Miyazaki-ken Japan**

Kagoshima CS Center

**3313 Kamino, Yokogawa-cho, Kirishima-shi,
Kagoshima-ken Japan**

**Global Continuous
Improvement Program Div.**

2500 Hagisono, Chigasaki-shi, Kanagawa-ken Japan

**Global Continuous
Improvement Program Div.
Semiconductor & Electronic
equipment CIP Center.**

1220-14 Suyama, Susono-shi, Shizuoka-ken Japan

**General Administration &
Personnel Division,
Human Power Development
Section**

1220-14 Suyama, Susono-shi, Shizuoka-ken Japan

Chemical Division

**2658-19 Hagisono, Chigasaki-shi,
Kanagawa-ken Japan**

**Chemical Division.
Kagoshima Chemical Center**

**3313 Kamino, Yokogawa-cho, Kirishima-shi,
Kagoshima-ken Japan**

**Refurbish and Surface
Treatment Headquarters**

516 Yokota, Sammu-shi, Chiba-ken Japan

**Kagoshima Refurbish and
Surface Treatment Center**

**3313 Kamino, Yokogawa-cho, Kirishima-shi,
Kagoshima-ken Japan**

**Kagoshima Refurbish and
Surface Treatment Center**

**3265-1 Kamino, Yokogawa-cho, Kirishima-shi,
Kagoshima-ken Japan**

**ULVAC EQUIPMENT SALES, Inc.
Head Office**

2-3-13 Konan, Minato-ku, Tokyo Japan

Osaka Branch

**3-3-31 Miyahara, Yodogawa-ku, Osaka-shi,
Osaka-fu Japan**

ULVAC COATING CORPORATION

2804 Terao, Chichibu-shi, Saitama-ken Japan

Fine Surface Technology Co., LTD.

2804 Terao, Chichibu-shi, Saitama-ken Japan

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ULVAC KIKO, INC.

291-7, Oaza Chausubaru, Saito-shi, Miyazaki-ken Japan

Yokohama Branch

1-10-4 Kitashinyokohama, kohoku-ku, Yokohama-shi,
Kanagawa-ken Japan

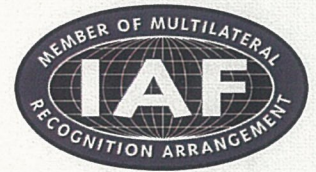
ULVAC-PHI, Inc.
Head Office / Plant

2500 Hagisono, Chigasaki-shi, Kanagawa-ken Japan

ULVAC CRYOGENICS,
INCORPORATED
Head Office & Factory
Osaka Branch Office

1222-1 Yabata, Chigasaki-shi, Kanagawa-ken Japan
Uemura Nissay Bldg., 3-3-31 Miyahara, Yodogawa-ku,
Osaka-shi, Osaka-fu Japan
140-1, Megawa, Makishima-cho, Uji,
Kyoto-fu Japan

Kyoto Cryogenic Technology
R&D Center
/Kyoto Factory



TIGOLD CORPORATION
Chiba Division

516 Yokota, Sammu-shi, Chiba-ken Japan

ULVAC (SHANGHAI)
TRADING CO., LTD.

1st 3rd Floor, Building 1, No.1000 Qixin Road,
Minhang District, Shanghai, P.R.China

TRADING CO., LTD.
BEIJING BRANCH

1F, Building 5, No.2 Xingye Street, BDA, Beijing,
P.R.China

TRADING CO., LTD.
CHENGDU BRANCH

No.229, Teng Fei Road, Qinyang, Chengdu,
Sichuan Province, P.R.China

TRADING CO., LTD.
DALIAN BRANCH

No.20 East Liaohe Road, Dalian Hi-Tech Industrial
Zone Dalian, Liaoning Province, P.R.China

TRADING CO., LTD.
SHENZHEN BRANCH

1F,B Building 1, Seventh Rd.No.7, Tongguan Road,
Tianliao Street,(Guangming Hi-tech Park West Zone)
Guangming new distric,Gongming office,Shenzhen,,
Guangdong Province, P.R.China

TRADING CO., LTD.
SUZHOU BRANCH

No. 277, Suzhou East Road, Suzhou Industrial Park,
Suzhou, P.R.China



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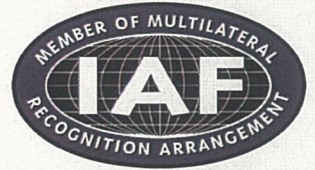
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ULVAC (NINGBO) CO., LTD.	No.348 Mingzhu Road, Hi-Tech. Park, Ningbo City, Zhejiang Province, P.R.China
ULVAC (SUZHOU) CO., LTD.	No.277 Suhong East Road Suzhou Industrial Park, Suzhou, Jiangsu, 215026, China
ULVAC Orient (Chengdu) Co., Ltd.	No.89 Baicao Road, Hi-Tech West Zone, Chengdu, Sichuan, China
ULVAC Automation Technology (Shanghai) Corporation	Building 2, No.320 XiaoWan Road, FengXian Distric, ShangHai City, China
ULVAC (CHINA) HOLDING CO., LTD.	No.1000, Qixin Road, Minhang, Shanghai 201199, China
ULVAC CRYOGENICS (NINGBO) INCORPORATED	1-2 Floor, Shuguang Building, No.6 Jingyuan Road, Ningbo National Hi-Tech Zone, Ningbo, P.R.China
ULVAC Materials (Suzhou) CO., LTD	No.55, Pingsheng Road, Industrial Park, Suzhou, China
ULVAC Opto-electronics Thin Film Technology (Shenzhen) Co., Ltd.	Area A, 2/F., HV Bldg., No.28, Technology North Road No.2, Xili Street, Nanshan District, Shenzhen, P.R.China
ULVAC KOREA, Ltd. PYEONGTAEK PLANT	5, Hansan-gil, Cheongbuk-Myeon, Pyeongtaek-si, Gyeonggi-Do, Korea
HYEONGOK PLANT	123, Hyeongoksandan-ro, Cheongbuk-myeon, Pyeongtaek-si, Gyeonggi-do, Korea
SEOUL BRANCH	KAMCO Yangjae-Tower 10F, 262, Gangnam-daero, Gangnam-gu, Seoul,, Korea
ULVAC KOREA PRECISION, Ltd.	60, Hyeongoksandan-ro 93beon-gil, Cheongbuk-myeon, Pyeongtaek-si, Gyeonggi-do, Korea
ULVAC Materials KOREA, Ltd.	51, Dangdong 2-ro, Munsan-Eup, Paju-City, Gyeonggi-Do, Korea



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Pure Surface Technology, Ltd.
Hyeongok Plant

60, Hyeongoksandan-ro 93beon-gil,
Cheongbuk-myeon, Pyeongtaek-si, Gyeonggi-do,
Korea

Poseung Plant

282, Poseung jangahn ro, Poseung eup,
Pyeongtaek si, Gyeonggi do, Korea

3rd Plant

21, Hyeongoksandan-ro, Cheongbuk-myeon,
Pyeongtaek-si, Gyeonggi-do, Korea

ULVAC CRYOGENICS KOREA
INCORPORATED

107, Hyeongoksandan-ro, Cheongbuk-myeon,
Pyeongtaek-si, Gyeonggi-do Korea

UF TECH, Ltd.

115-8, Gwangsung-gil, Cheongbuk-myeon,
Pyeongtaek-si, Gyeonggi-do, Korea

ULVAC TAIWAN INC.

8F., No. 5, Keji Rd., Hsinchu Science Park,
Hsinchu City 30078, Taiwan (R.O.C)

Tainan Science Industrial Park Branch

No. 27, Nanke 2nd Rd., Southern Taiwan Science
Park, Xinshi Dist., Tainan City, 74147,
Taiwan (R.O.C)

Ultra Clean Precision Technologies Corp.

No. 27, Sec. 1, Huandong Rd., Southern Tainan
Science Park, Xinshi Dist., Tainan City 74146,
Taiwan (R.O.C)

Taoyuan Branch

No.20, Ln. 211, Puzhong Rd., Zhongli Dist.,
Taoyuan City 32083, Taiwan (R.O.C)

ULVAC Materials Taiwan, Inc.

No.37 Keya Road Daya District, Taichung City 42881,
Taiwan (R.O.C.)

ULCOAT TAIWAN, Inc.

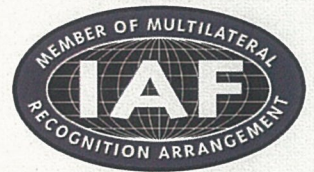
No.60, Industry III Road, An-Nan District, Tainan, 70955
Taiwan (R.O.C)

ULVAC SINGAPORE PTE LTD.

11 Tampines Street 92, Tampines Biz-Hub, #02-08,
Singapore 528872

ULVAC SINGAPORE PTE LTD.
PHILIPPINES BRANCH

Cavite Eco-Zone II, Rosario, Cavite, 4106 Philippines



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ULVAC MALAYSIA SDN. BHD.
KL Factory

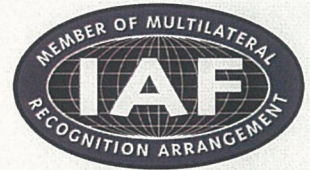
No. 8, Jalan Gitar 33/3,
Elite Industrial Estate, Off Jalan Bukit Kemuning,
40400 Shah Alam, Selangor, Darul Ehsan, Malaysia

Kulim Branch

Lot 3524 ~ 3258, Mukim Sungai Seluang,
Taman Industri Danamas, 09600 Lunas, Kulim,
Kedah Darul Aman, Malaysia.

Target & Bonding Factory
ULVAC KL

No. 6, Jalan Biola Satu 33/1A,
Elite Industrial Estate, Off Jalan Bukit Kemuning,
40400 Shah Alam,
Selangor, Darul Ehsan, Malaysia



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Samutprakarn 10540 Thailand

ULVAC Technologies, Inc.

401 Griffin Brook Drive Methuen, MA 01844, U.S.A.



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