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CM021

Panasonic Corporation

Automotive & Industrial Systems Company Group

1006 Kadoma, Kadoma-City, Osaka, Japan

CERTIFICATE

Certificate No.: EC10J0027

ISO 14001:2004 · JIS Q 14001:2004

Design, development, manufacture, sales, service of primary and rechargeable batteries, chargers, battery applied products, in-vehicle instruments business, electronic materials, electronic components, electric motors, controllers, electronic component mounting-related systems, LCD panels, display-related systems, device-related systems, welding equipment and those systems, factory automation equipments and those systems, industrial materials automatic electronic measuring systems, and calibration service of electronic measuring instruments

Our organization certifies above organization to be complied with
the requirement of indicated above management system.

Registration Date :22/Dec/1997
Recertification Date:22/Dec/2015
Issue Date :09/Dec/2015
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A handwritten signature in black ink that reads 'Michio Hiruta'.

To be used in conjunction with attached Appendix



APPENDIX

1/14

Panasonic Corporation Automotive & Industrial Systems Company Group

Corporate Staff Sector

(Business strategy sector·

Operation sector·Professional business support sector)

Industrial business sector, Industrial business development center, Industrial marketing & sales division,

Panasonic industrial devices sales Japan Co.,Ltd Osaka office group

1006 Kadoma, Kadoma-City, Osaka, Japan

【Corporate administration function, other support function and development of business and products for industrial business, marketing and sales of industrial products, such as electronic components, semiconductors, automation controls, and other device products and services】

Engineering Division

1006 Kadoma, Kadoma-City, Osaka, Japan

【Research and development of electronic components and materials】

Yokohama Site (Ikonobe Site)

4261 Ikonobe-Cho, Tsuzuki-ku, Yokohama-City, Kanagawa, Japan

【Development, design, sales and services regarding in-vehicle equipment】

Yokohama Site (Saedo Site)

600 Saedo-Cho, Tsuzuki-ku, Yokohama-City, Kanagawa, Japan

【Development, design and services regarding in-vehicle equipment】

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President
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APPENDIX

2/14

Matsumoto Plant

5652, Sasaga, Matsumoto-City, Nagano, Japan

【Assembly of car audio equipment and car navigation equipment in accordance with the publicly available environmental policy】

Automotive Electronics Systems Business Division

Electromechanical Devices Business Unit

26-1-1 Doh, Tsuruga-City, Fukui, Japan

【Design, development and manufacture of automotive switches, signal switches and other switches of monetary equipment】

Energy Device Business Division

1-1 Matsushita-Cho, Moriguchi-City, Osaka, Japan

【Development, manufacture and sales of primary and rechargeable batteries, chargers and battery applied products】

Panasonic Storage Battery Co., Ltd.

555 Sakaijuku, Kosai-City, Shizuoka, Japan

【Development, manufacture and sales of Lead-Acid batteries for automotive, EV Lead-Acid batteries and VRLA batteries】

Rechargeable Battery Business Division(SANYO)

Sumoto Site

222-1 Kaminaizen, Sumoto-City, Hyogo, Japan

【Development, design, manufacture and sales of batteries and related products】

Rechargeable Battery Business Division(SANYO)

Tokushima Site

139-32 Toyohisa, Matsushige-Cho, Itano-Gun, Tokushima, Japan

【Development, design and manufacture of batteries and related products】

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**Japan Audit and Certification Organization
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 2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
& CEO

Michio Hirata



APPENDIX

3/14

Rechargeable Battery Business Division(SANYO)

Suminoe Site

1-2-63 Hirabayashikita, Suminoe-ku, Osaka-City, Osaka, Japan

【Development, design and manufacture of lithium-ion batteries】

Rechargeable Battery Business Division(SANYO)

Kaizuka Site

174, Asonaka, Kaizuka-City, Osaka, Japan

【Development, design and manufacture of batteries and related products】

Rechargeable Battery Business Division(SANYO)

Wakayama Site

612-1 Uchita, Kinokawa-City, Wakayama, Japan

【Manufacture of lithium-ion battery packs and their materials for main parts】

Rechargeable Battery Business Division(SANYO)

Kasai Site

194-4, Tokonabe-Cho, Kasai-City, Hyogo, Japan

【Development, design, manufacture and sales of batteries and related products】

Rechargeable Battery Business Division(SANYO)

Moriguchi Site

1-1 Matsushita-Cho, Moriguchi-City, Osaka, Japan

【Development, design, manufacture and sales of batteries and related products】

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**Japan Audit and Certification Organization
for Environment and Quality**

2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
& CEO



APPENDIX

4/14

SANYO Energy Nandan Co., Ltd. Head Factory
407 Kashunota, Minamiawaji-City, Hyogo, Japan
【Manufacture of lithium-ion batteries】

SANYO Energy Nandan Co., Ltd. Mihara Factory
1370 Enamikamihada, Minamiawaji-City, Hyogo, Japan
【Manufacture of lithium-ion batteries and their parts and industrial parts】

SANYO Energy Nandan Co., Ltd. Tsuna Factory
945 Shizuki, Awaji-City, Hyogo, Japan
【Manufacture of battery packs】

SANYO Energy Nandan Co., Ltd. Analysis Center
1-1 Matsushita-Cho, Moriguchi-City, Osaka, Japan
【Battery material analysis and evaluation】

SANYO Energy Higashiura Co., Ltd.
1-1 Koiso, Awaji-City, Hyogo, Japan
【Manufacture, check, packing, cargo, storage, transportation, delivery and service for rechargeable batteries products and their parts】

Energy Business
Energy Technology Development Center Moriguchi Site
1-1 Matsushita-Cho, Moriguchi-City, Osaka, Japan
【Development of primary and rechargeable batteries, chargers and battery applied products】

Energy Business
Energy Technology Development Center Seishin Site
7-3-2 Ibukidaihigashi-Machi, Nishi-ku, Kobe-City, Hyogo, Japan
【Research and development of batteries】

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**Japan Audit and Certification Organization
for Environment and Quality**
2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
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APPENDIX

5/14

Device Solutions Business Division
Electronic Control Solutions Business Unit Yamaguchi Plant
1285 Asadasakutaguchi, Yamaguchi-City, Yamaguchi, Japan
【Design, development and manufacture of aluminum electrolytic capacitors】

Device Solutions Business Division
Electronic Control Solutions Business Unit Toyama・Matue Plant (Toyama)
3 Miyamaru, Tonami-City, Toyama, Japan
【Design, development and manufacture of plastic film capacitor】

Device Solutions Business Division
Electronic Control Solutions Business Unit Toyama・Matue Plant (Matsue)
369 Nogifukutomi-Cho, Matsue-City, Shimane, Japan
【Design, development and manufacture of plastic film capacitor】

Device Solutions Business Division
Electronic Control Solutions Business Unit Morita Plant
401 Sadamasa-Cho, Fukui-City, Fukui, Japan
【Design, development and manufacture of resistors,
MR sensors, EMC components and micro chip fuse】

Device Solutions Business Division
Electronic Control Solutions Business Unit Tajima Plant
1 Tadachi, Izushi-Cho, Toyooka-City, Hyogo, Japan
【Design, development and manufacture of inductors, coils,
EMI filters and thermal cutoffs】

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**Japan Audit and Certification Organization
for Environment and Quality**
2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
& CEO



APPENDIX

6/14

Device Solutions Business Division
Thermal & Noise Solutions Business Unit Hokkaido Plant
1037-2 Kamiosatsu, Chitose-City, Hokkaido, Japan
【Design, development and manufacture of thermistors, surge absorbers, inductors and thermal solution components(graphite sheet, anti-heat sheet etc.)】

Device Solutions Business Division
Thermal & Noise Solutions Business Unit Uji Plant
25 Nishinaka, Kohata, Uji-City, Kyoto, Japan
【Design, development, manufacture and sales of conductive polymer aluminum electrolytic capacitors, electrolytic double layer capacitors, application units of electrolytic double layer capacitors and aluminum foil for capacitor】

Saga SANYO Industries Co., Ltd.
217 Fukumo, Omachi-Cho, Kishima-Gun, Saga, Japan
【Manufacture of conductive polymer aluminum solid capacitors and conductive polymer tantalum solid capacitors】

Device Solutions Business Division
Sensor Solutions Business Unit Kanazu Plant
5 Ii, Awara-City, Fukui, Japan
【Design, development and manufacture of automotive sensors and consumers sensors】

Panasonic Industrial Devices Nitto Co., Ltd.
55-12 Osumihama, Kyotanabe-City, Kyoto, Japan
【Design, development and manufacture of aspherical lenses, acousto-optic module, thermistors and rotation sensors】

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**Japan Audit and Certification Organization
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2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
& CEO



APPENDIX

7/14

Panasonic Precision Devices Co., Ltd.

1080 Takano, Nagomi-Machi, Tamana-Gun, Kumamoto, Japan

【Design, development, manufacture, assembly and sales management of optical disc drives, optical pickups and inkjet devices, and repair of optical disc drives】

Device Solutions Business Division

Kadoma Site

1006 Kadoma, Kadoma-City, Osaka, Japan

【Development and sales of Products manufactured in Device Solutions Business Division, manufacturing methods and production systems for electronic components】

Electromechanical Control Business Division (Kadoma)

1006 Kadoma, Kadoma-City, Osaka, Japan

【Design, development and sales of electromechanical component and automation control】

Electromechanical Control Business Division

Tsuyama Site Input Devices Business Unit

Automotive Infotainment Systems Business Division

Acoustic Products Business Unit

1111-1 Shimokannuki, Kawanabe, Tsuyama-City, Okayama, Japan

【Design, development and manufacture of light touch switch, potentiometer, encoder, tactile sheet, micro speaker and development of speaker products, support for an overseas production factory】

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**Japan Audit and Certification Organization
for Environment and Quality**

2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
& CEO



APPENDIX

8/14

Electromechanical Control Business Division

Power Devices Business Unit (Motomiya)

77 Ichiridan, Niita, Motomiya-City, Fukushima, Japan

【Design, development and manufacture of hybrid micro circuit, fiber optic components, thick film ceramic substrates and RF unit, modules for wireless communication equipments and base station unit and design, development of power supply unit】

Electromechanical Control Business Division Ise Site

Tamiyaji, Tamaki-Cho, Watarai-Gun, Mie, Japan

1668 Fujikata, Tsu-City, Mie, Japan

【Design and manufacture of electro-magnetic relays, switches, solid state devices, built-in sensors and connectors】

Panasonic Industrial Devices Obihiro Co., Ltd.

2-1 Nishi-25 Kita-1, Obihiro-City, Hokkaido, Japan

【Design, manufacture of electromagnetic relays and switches, outlets, sensor devices and junction boxes】

Panasonic Industrial Devices Taiko Co., Ltd.

1843-6, Higashiyama, Kamiishigami, Otawara-City, Tochigi, Japan

【Design and manufacture of electro-magnetic relays, inclination sensors】

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**Japan Audit and Certification Organization
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2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
& CEO



APPENDIX

9/14

Panasonic Industrial Devices SUNX Co., Ltd.

2431-1 Ushiyama-Cho, Kasugai-City, Aichi, Japan

【Design, development and manufacture of various FA sensor and, programmable controller, programmable indicator, inverter, laser marker, laser processing machine, static control devices, image processor, UV curing System】

Panasonic Industrial Devices SUNX Kyushu Co., Ltd.

15220-1 Kasedatakada, Minamisatsuma-City, Kagoshima, Japan

【Manufacture of various FA sensor, and design, development and manufacture of fiber head for photoelectronic sensor】

Panasonic Industrial Devices SUNX Tatsuno Co., Ltd.

300 Katayama, Tatsuno-Cho, Tatsuno-City, Hyogo, Japan

【Design and manufacture of electrical/ electronic and mechanical devices, parts made of metal or plastic, composite parts, dies and molds, and factory automation components】

Panasonic Industrial Devices Materials Yokkaichi Co., Ltd.

Head office & Factory and South Factory

Panasonic Corporation Automotive & Industrial Systems Company

Yokkaichi Office and South-Yokkaichi Office

60 Kitashinkai, Hasedashi, Yokkaichi-City, Mie, Japan

2-3 Tomarikoyanagi-cho, Yokkaichi-City, Mie, Japan

【Design, development and manufacture of plastic molding compounds including related products, molding products, sealing and encapsulation materials for semiconductors, copper-clad laminates for printed wiring boards including related products】

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**Japan Audit and Certification Organization
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2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
 & CEO

Michio Hiruta



APPENDIX

10/14

Panasonic Industrial Devices Materials Koriyama Co., Ltd.
Head office & Factory and West Factory
Panasonic Corporation Automotive & Industrial Systems Company
Koriyama Office
111 Ishizuka, Koriyama-City, Fukushima, Japan
2-2-1 Machiikedai, Koriyama-City, Fukushima, Japan
【Design, development and manufacture of laminates for
printed wiring boards and advanced films】

Panasonic Industrial Devices Materials Sales Co., Ltd. Head Office
3-20-14 Higashigotanda, Shinagawa-ku, Tokyo, Japan
【Sales of printed wiring materials, electronic devices, plastic molding materials
and semiconductor sealing materials】

Panasonic Industrial Devices Materials Sales Co., Ltd. Seibu Office
1006 Kadoma, Kadoma-City, Osaka, Japan
【Sales of printed wiring materials, electronic devices,
plastic molding materials and semiconductor sealing materials】

Panasonic Liquid Crystal Display Co., Ltd.
1-6, Megahida-cho, Shikama-ku, Himeji-City, Hyogo, Japan
【Development, design, manufacture and sales of LCD panels and maintenance
services】

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**Japan Audit and Certification Organization
for Environment and Quality**
2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
& CEO



APPENDIX

11/14

Panasonic Factory Solutions Co., Ltd. Kitakadoma Plant
2-7 Matsuba-Cho, Kadoma-City, Osaka, Japan
【Research and development】

Panasonic Factory Solutions Co., Ltd. Toyonaka Plant
3-1-1 Inazu-Cho, Toyonaka-City, Osaka, Japan
【Research and development】

Panasonic Factory Solutions Co., Ltd. Kofu Plant
1375 Kamisukiawara, Showa-Cho, Nakakoma-Gun, Yamanashi, Japan
【Development, manufacture, sales and services of electronic component mounting-related systems, display-related systems, device-related systems, etc.】

Panasonic Welding Systems Co., Ltd. Toyonaka Site
3-1-1 Inazu-Cho, Toyonaka-City, Osaka, Japan
【Development, manufacture, sales and services of welding equipment, factory automation equipments and related systems】

Panasonic Welding Systems Co., Ltd. Kaga Site
1-1 Ta-Ko, Kumasaka-Machi, Kaga-City, Ishikawa, Japan
【Manufacture of welding equipments】

Panasonic Welding Systems Kaga Co., Ltd.
1-1 Ta-Ko, Kumasaka-Machi, Kaga-City, Ishikawa, Japan
【Manufacture of welding equipments】

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**Japan Audit and Certification Organization
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2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
& CEO



APPENDIX

12/14

Amtec Co., Ltd. Toyonaka Site

3-1-1 Inazu-Cho, Toyonaka-City, Osaka, Japan

【Development, sales and services of industrial materials】

Amtec Co., Ltd. Kaga Site

1-1 Ta-Ko, Kumasaka-Machi, Kaga-City, Ishikawa, Japan

【Development and manufacture of industrial materials】

Panasonic Factory Solutions Sales & Engineering Japan Co., Ltd.

Shinagawa Office

Rivage-Shinagawa 9F 4-1-8 Konan, Minato-ku, Tokyo, Japan

【Sales and services (installation & repair) of factory automation equipment and electronic measuring instruments, design, development, manufacture, installation and sales of automatic measuring systems】

Panasonic Factory Solutions Sales & Engineering Japan Co., Ltd.

Osaka Office

3-1-1 Inazu-Cho, Toyonaka-City, Osaka, Japan

【Sales and services (installation & repair) of factory automation equipment and electronic measuring instruments, design, development, manufacture, installation and sales of automatic measuring systems, and calibration service of electronic measuring instruments】

Panasonic Factory Solutions Sales & Engineering Japan Co., Ltd.

Sendai Office

Sansho Building 2F

4-11-18 Nagamachiminami, Taihaku-ku, Sendai-City, Miyagi, Japan

【Sales and services (installation & repair) of factory automation equipment and electronic measuring instruments, sales of automatic measuring systems, and calibration service of electronic measuring instruments】

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**Japan Audit and Certification Organization
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2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
 & CEO

Michio Hiruta



APPENDIX

13/14

Panasonic Factory Solutions Sales & Engineering Japan Co., Ltd.

Takasaki Office

Casa Piccola Takasaki 1F

898-6 Kaizawa-Machi, Takasaki-City, Gunma, Japan

【Sales and services (installation & repair) of factory automation equipment and electronic measuring instruments, and sales of automatic measuring systems】

Panasonic Factory Solutions Sales & Engineering Japan Co., Ltd.

Shizuoka Office

Hamamatsu Takaoka Building 2F

3-52-12 Takaokanishi, Naka-ku, Hamamatsu-City, Shizuoka, Japan

【Sales and services (installation & repair) of factory automation equipment and electronic measuring instruments, and sales of automatic measuring systems】

Panasonic Factory Solutions Sales & Engineering Japan Co., Ltd.

Nagoya Office

Nagoya Misono Building 4F

1-10-21 Sakae, Naka-ku, Nagoya-City, Aichi, Japan

【Sales and services (installation & repair) of factory automation equipment and electronic measuring instruments, and sales of automatic measuring systems】

Panasonic Factory Solutions Sales & Engineering Japan Co., Ltd.

Kyushu Office

Fukuoka Panasonic Building 2F・4F

1-2-13 Hakataeki-minami, Hakata-ku, Fukuoka-City, Fukuoka, Japan

【Sales and services (installation & repair) of factory automation equipment and electronic measuring instruments, and sales of automatic measuring systems, and design, development of factory automation equipment】

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**Japan Audit and Certification Organization
for Environment and Quality**
2-2-19 Akasaka, Minato-ku, Tokyo, Japan

President
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APPENDIX

14/14

Smart Factory Solutions Business Division

Motor Business Unit

7-1-1, Morofuku, Daito-City, Osaka, Japan

【Development, design, manufacturing management and sales of
electric motors, controllers and associated actuators】

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