



# CERTIFICATE



This is to certify that

## KOA Corporation

Ina Business Site

3672 Arai, Ina-shi, Nagano 396-8585 Japan

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

### Scope:

Quality system management, Internal audit management, Purchasing, Supplier management, Warranty management, Laboratory, Testing, Calibration, Continuous improvement, Servicing, Customer service, Contract review and Sales.

### Corporate Scope:

The design, development and manufacture of flat chip resistors, chip type power shunt , chip type power shunt resistors, chip inductors, power type resistors, chip current fuses, chip circuit protectors, custom milliohm resistors, temperature protection resistors, metal film flat chip resistors, surface mount type thin film networks, metal plate chip type low resistors, metal film resistors, checker chips, ceramic resistors, wire wound suppression filters, LTCC multilayer substrates, power chip resistors, current detecting chip resistors, chip networks, custom hybrid ICs, eraser heads, printed circuit board assemblies, sit up motion sensor, carbon film resistors, metal glaze resistors, MELF type resistors, metal oxide film resistors, jumper wires, power resistors, anti surge resistors, wire wound resistors, thick film resistor networks, high voltage power resistors, metal film resistor networks, thick film high voltage resistors, micro wave devices, multilayer type metal oxide varistors, metal oxide varistors, thermal sensors ,resistive boards and high-reliability resistors. The provision of plating service for electronics components.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

## ISO 9001 : 2008

Certificate registration no.	20001578 QM08
Date of original certification	2010-05-13
Date of revision	2016-03-22
Date of certification	2016-03-22
Valid until	2018-09-14



### DQS Japan Inc.

R. Inoue  
Managing Director

Accredited Body: DQS Japan Inc., Shiba-Daimon Excellent Bldg 9F. 2-6-6 Shiba-Daimon, Minatoku, Tokyo 105-0012 Japan





**Annex to Certificate  
Registration No. 20001578 QM08**

**KOA Corporation**

Ina Business Site

3672 Arai, Ina-shi, Nagano 396-8585 Japan

**Location**

**Scope**

**20001582**

**KOA Corporation  
TAKUMINOSATO Factory  
2441-1 Kiribayashi, Iida-shi,  
Nagano 399-2565 Japan**

The manufacture of flat chip resistors.

**497908**

**KOA Corporation  
NANAKURI NO MORI Factory  
1088-1 Achi-mura, Shimoina-gun,  
Nagano 395-0301 Japan**

The design, development and manufacture of flat chip resistors.

**20001919**

**KOA Corporation  
East Wing Factory  
14016-193 Oaza Nakaminowa,  
Minowa-machi, Kamiina-gun,  
Nagano 399-4697 Japan**

The design, development and manufacture of chip type power shunt, chip type power shunt resistors, chip inductors, power type resistors, chip current fuses, chip circuit protectors, and temperature protection resistors.  
The manufacture of metal film flat chip resistors, surface mount type thin film networks and metal plate chip type low resistors.  
The design and development of custom milliohm resistors.

**20004965**

**KOA Corporation  
Nishiyama Factory  
2445 Nishiminowa, Ina-shi,  
Nagano 399-4501 Japan**

The design, development and manufacture of metal film flat chip resistors and surface mount type thin film networks.  
The provision of plating service for electronics components.

**20001920**

**KOA Corporation  
Minowa Factory  
8633 Oaza Nakaminowa, Minowa-machi,  
Kamiina-gun, Nagano 399-4601 Japan**

The design, development and manufacture of chip inductors, checker chips, ceramic resistors and wire wound suppression filters.

**20004966**

**KOA Corporation  
Chuo Factory  
5061 Ohgawara, Minamiminowa-mura,  
Kamiina-gun, Nagano 399-4511 Japan**

The design, development and manufacture of LTCC multilayer substrates. The manufacture of multilayer type metal oxide varistors.

This annex (edition: 2016-03-22) is only valid in connection with the above-mentioned certificate.



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**KOA Corporation**

Ina Business Site

3672 Arai, Ina-shi, Nagano 396-8585 Japan

**Location**

**Scope**

**20001918**

**KOA Corporation  
Minowa Wing Factory  
14016-30 Oaza Nakaminowa,  
Minowa-machi, Kamiina-gun,  
Nagano 399-4697 Japan**

The design, development and manufacture of power chip resistors, current detecting chip resistors, chip networks, custom hybrid ICs, eraser heads, printed circuit board assemblies and sit up motion sensor.  
The design and development of metal plate chip type low resistors and resistive boards.

**20001591**

**KOA Electronics Co., Ltd.  
Tagami Factory  
733 Nishijo, Anan-cho, Shimoina-gun,  
Nagano 399-1504 Japan**

The manufacture of carbon film resistors, metal glaze resistors, MELF type resistors, metal film resistors, metal oxide film resistors, power resistors, wire wound resistors, jumper wires and anti surge resistors.

**20001586**

**KOA Electronics Co., Ltd.  
Waseda Factory  
1957 Nishijo, Anan-cho, Shimoina-gun,  
Nagano 399-1504 Japan**

The design, development and manufacture of metal oxide film resistors, MELF type resistors, metal glaze resistors, power type resistors, ceramic resistors, and anti surge resistors.  
The design and development of carbon film resistors, metal film resistors, power resistors, wire wound resistors and jumper wires.

**20001588**

**KOA Electronics Co., Ltd.  
Niino Factory  
2741 Niino, Anan-cho, Shimoina-gun,  
Nagano 399-1612 Japan**

The manufacture of carbon film resistors, metal glaze resistors, metal film resistors, jumper wires, ceramic resistors, MELF type resistors, power resistors, wire wound resistors, anti surge resistors and metal oxide film resistors.

**20001587**

**KOA Electronics Co., Ltd.  
Chiyo Factory  
2248 Chiyo, Iida-shi,  
Nagano 399-2222 Japan**

The manufacture of metal oxide film resistors, power resistors, metal film resistors, metal glaze resistors, wire wound resistors, ceramic resistors, anti surge resistors and jumper wires.



## Annex to Certificate Registration No. 20001578 QM08

### KOA Corporation

Ina Business Site

3672 Arai, Ina-shi, Nagano 396-8585 Japan

#### Location

#### Scope

**20001590**

**KOA Electronics Co., Ltd.  
Minamishinano Factory  
510 Wada, Minamishinano, Iida-shi,  
Nagano 399-1311 Japan**

The manufacture of anti surge resistors, wire wound resistors, power resistors, metal film resistors, metal oxide film resistors and metal glaze resistors.

**20001589**

**KOA Electronics Co., Ltd.  
Yasuoka Factory  
3299 Yasuoka-mura, Shimoina-gun,  
Nagano 399-1801 Japan**

The manufacture of power type resistors and custom milliohm resistors.

**20004963**

**Kashima Koa Denko Co., Ltd.  
11 Habu, Takebe, Nakanoto-machi,  
Kashima-gun, Ishikawa 929-1802 Japan**

The design, development and manufacture of thick film resistor networks, metal film resistors and thick film high voltage resistors.  
The manufacture of current detecting chip resistors.

**20002998**

**SANADA KOA Corporation  
Fuchu Factory  
4-5 Yazaki-cho, Fuchu-shi,  
Tokyo 183-0025 Japan**

The design, development and manufacture of multilayer type metal oxide varistors, thick film high voltage resistors, wire wound resistors, metal film resistors, metal film resistor networks, surface mount type thin film networks, metal film flat chip resistors, micro wave devices, high voltage power resistors, metal oxide varistors, high-reliability resistors and thermal sensors.

**50300007**

**SANADA KOA Corporation  
Sanada no sato Factory  
5688-6 Osa, Sanada-machi, Ueda-shi,  
Nagano 386-2201 Japan**

The design, development and manufacture of thick film high voltage resistors, metal film resistors, power chip resistors and thermal sensors. The manufacture of metal oxide varistors and thick film resistor networks.

**20001436**

**Japan Electronic Applications Co., Ltd.  
137 Yagi, Tonami, Toyama 939-1317 Japan**

The manufacture of resistive boards and custom hybrid ICs and current detecting chip resistors.



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**KOA Corporation**

Ina Business Site

3672 Arai, Ina-shi, Nagano 396-8585 Japan

**Location**

**Scope**

**20002647**

**Shanghai KOA Electronics Co., Ltd.**

**Main site**

**No.581 Gui Pin Road, Caohejing  
Development Zone, 200233, Shanghai,  
P.R. China**

The manufacture of carbon film resistors, chip inductors, chip current fuses and power type resistors.

**20004962**

**Shanghai KOA Electronics Co., Ltd.**

**Taicang Factory**

**No.77, Luoyangtong Road,  
Taicang Economy Development Area,  
Taicang City, Jiangsu Province, 215400,  
P.R. China**

The manufacture of wire wound resistors, power type resistors and metal oxide film resistors.

**20001585**

**KOA Electronics (Taicang) Co., Ltd.**

**No.77, Luoyangtong Road,  
Taicang Economy Development Area,  
Taicang City, Jiangsu Province, 215400,  
P.R. China**

The manufacture of flat chip resistors and chip networks.

**20001593**

**KOA Kaohsiung Corporation**

**17-2 Kai Fa Road,  
Nanzih Export Processing Zone,  
Kaohsiung 81170 Taiwan**

The manufacture of metal film resistors, metal oxide film resistors and anti surge resistors.

**20004879**

**KOA Denko (Malaysia) Sdn. Bhd.**

**Lots 7, 8&9, Batu Berendam,  
Free Trade Zone, 75350, Melaka, Malaysia**

The manufacture of flat chip resistors, carbon film resistors and jumper wires.

**20005951**

**WUXI KOA Electroceramics Co., Ltd.**

**No.1, Xiangshan Road, Xichu, Heqiao,  
Yixing City, Jiangsu Province, 214215,  
P.R. China**

The design and manufacture of ceramic case and custom ceramics.





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**KOA Corporation**

Ina Business Site

3672 Arai, Ina-shi, Nagano 396-8585 Japan

**Location**

**Scope**

**20004967**

**KOA Corporation**

**South Wing**

**1634-17 Minamiminowa-mura,  
Kamiina-gun, Nagano 399-4511 Japan**

Logistics, Packaging, Warehousing

**20001581**

**KOA Corporation**

**Pine Park**

**14016 Oaza Nakaminowa, Minowa-machi,  
Kamiina-gun, Nagano 399-4697 Japan**

Strategic planning, Policy making,  
Management review, Human resource,  
Training, Finance, R & D, Product design,  
Process design, Engineering,  
Production equipment development,  
Continuous improvement,  
Warranty management,  
Information technology  
The design and development of ceramic case  
and custom ceramics.

**20001579**

**KOA Corporation**

**MUSASHINO KOUBOU**

**2-17-2 Midori-cho, Fuchu-shi,  
Tokyo 183-0006 Japan**

Marketing, Contract review, Sales,  
Customer service, Servicing

**20004968**

**KOA Corporation**

**MEGURO**

**2-15-12 Nakane, Meguro-ku,  
Tokyo 152-0031 Japan**

Contract review, Sales, Customer service,  
Servicing

**20004970**

**KOA Corporation**

**Mito Sales Office**

**1445-31 Tarazaki, Aza Nishihara,  
Hitachinaka-shi, Ibaraki 312-0003 Japan**

Contract review, Sales, Customer service,  
Servicing

**20004975**

**KOA Corporation**

**Nagoya Sales Office**

**4F Grand-building, 3-230 Yashirodai,  
Meitoh-ku, Nagoya-shi, Aichi 465-0092  
Japan**

Contract review, Sales, Customer service,  
Servicing



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**KOA Corporation**

Ina Business Site

3672 Arai, Ina-shi, Nagano 396-8585 Japan

**Location**

**Scope**

**20004969**

**KOA Corporation  
Sendai Sales Office  
NAViS Building 5F, 5-12-55 Tsutsujigaoka,  
Miyagino-ku, Sendai-shi, Miyagi 983-0852  
Japan**

Contract review, Sales, Customer service,  
Servicing

**20004973**

**KOA Corporation  
Takasaki Sales Office  
401 Toho Building, 2-3 Wada-cho,  
Takasaki-shi, Gunma 370-0847 Japan**

Contract review, Sales, Customer service,  
Servicing

**20004974**

**KOA Corporation  
Shizuoka Sales Office  
5F TK Building, 3-2-25 Mabuchi, Suruga-ku,  
Shizuoka-shi, Shizuoka 422-8063 Japan**

Contract review, Sales, Customer service,  
Servicing

**20004976**

**KOA Corporation  
Ohsaka Sales Office  
6F Tatsuno-Shin-Ohsaka Building,  
7-1-5 Nishinakajima, Yodogawa-ku,  
Ohsaka-shi, Ohsaka 532-0011 Japan**

Contract review, Sales, Customer service,  
Servicing

**20004977**

**KOA Trading Co., Ltd.  
3F Takahashi Building,  
1-7-1 Kandasuda-cho, Chiyoda-ku,  
Tokyo 101-0041 Japan**

Contract review, Sales, Customer service,  
Servicing

**20004978**

**KOA Trading Co., Ltd.  
Warehouse  
27-1 Misono, Ina-shi, Nagano 396-0021  
Japan**

Logistics, Packaging, Warehousing

**10003726**

**KOA Speer Electronics, Inc.  
199 Bolivar Drive, Bradford, Pennsylvania  
16701 U.S.A.**

Contract review, Sales, Logistics, Packaging,  
Warehousing, Servicing, Customer service

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**KOA Corporation**

Ina Business Site

3672 Arai, Ina-shi, Nagano 396-8585 Japan

**Location**

**Scope**

**20001592**

**KOA Europe GmbH  
Kaddenbusch 6, D-25578 Dageling-Itzehoe,  
Germany**

Contract review, Sales, Logistics, Packaging,  
Warehousing, Servicing, Customer service

**20001583**

**KOA Denko (S) Pte. Ltd.  
72 Bendemeer Road #06-28, Luzerne,  
Singapore 339941**

Contract review, Sales, Logistics, Packaging,  
Warehousing, Servicing, Customer service

**20004961**

**Shanghai KOA Electronics Trading Co.,  
Ltd.  
No.581 Gui Pin Road, Caohejing  
Development Zone, Shanghai, 200233,  
P.R. China / Room 318, No.2 South Tai  
Zhong RD. Pilot Free Trade Zone,  
(Shanghai) China**

Contract review, Sales, Logistics, Servicing,  
Customer service

**20004773**

**KOA Electronics (HK) Ltd.  
Unit 2315, 23/F., The Metropolis Tower,  
10 Metropolis Drive, Hung Hom, Kowloon,  
Hong Kong**

Contract review, Sales, Logistics, Servicing,  
Customer service