



MARKET ACCESS REQUIREMENTS

ASIA, AFRICA & OCEANIA

ELECTRICAL & ELECTRONICS - PRODUCT SAFETY & EMC

CHINA & HK

EXISTING CERTIFICATION SCHEMES

- China – CCC Scheme
- HK – CB Scheme

APPLICABLE STANDARDS

China – GB standards
 Hong Kong:

- Safety – IEC standards or EN standards
- EMC – CISPR standards or EN standards

CERTIFICATION MARKS AVAILABLE

- China – CCC
- HK – none

CERTIFICATION VALIDITY

China – max validity is 5 years
 HK – none

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SAFETY TESTING

- China – Safety testing is mandatory. Safety testing should be conducted in CNCA accredited laboratories.
- HK – Safety testing is mandatory.

FACTORY INSPECTION

- China – Factory Inspections are mandatory.
- HK – Factory inspections are not required.

EMC TESTING

- China – EMC testing is mandatory for specific E&E products. EMC testing for those specific products should be conducted in CNCA accredited laboratories. Contact us to confirm whether your product requires EMC testing.
- HK – EMC testing is mandatory.

**SGS
ELECTRICAL & ELECTRONICS
(E&E) LOCATIONS**

- Chongqing
- Guangzhou
- Hong Kong
- Nanjing
- Ningbo
- Qingdao
- Shanghai
- Shenzhen
- Shunde
- Tianjin
- Wuhan
- Xiamen

**SGS CHINA & HK
E&E SERVICES**

- Safety testing & certification
- Electromagnetic Compatibility
- Wireless technology testing
- Performance & Reliability evaluation and energy efficiency testing
- RoHS / WEEE / REACH / Restricted substances (chemicals)
- Environmental consultancy program
- Product inspection
- Training services & seminars

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INDIA

EXISTING CERTIFICATION SCHEMES	BIS certification for IT/Audio-Video products
APPLICABLE STANDARDS	<ul style="list-style-type: none">● IS 13152 and IS 616● ISO Guide 28, 65
CERTIFICATION MARKS AVAILABLE	BIS certification, ISI mark
CERTIFICATION VALIDITY	1 year, can be extended on application for further periods of 2 years at a time, subject to satisfactory operation of the license.
REQUIREMENTS	<ul style="list-style-type: none">● SAFETY TESTING is required only for IT, Audio-video, lighting, UPS and household and similar electrical appliances.● EMC TESTING is not required.● RoHS Certification – is compulsory, in accordance with the RoHS directive.● FACTORY INSPECTIONS are mandatory.
SGS ELECTRICAL & ELECTRONICS (E&E) LOCATIONS	<ul style="list-style-type: none">● Bangalore● Gurgaon (New Delhi)● Pune
SGS INDIA E&E SERVICES	<ul style="list-style-type: none">● BIS certification for IT / Audio-Video products● Green testing services (RoHS / WEEE)● Environmental and Reliability testing services● Product inspection● REACH
CONTACT SGS INDIA	ee.india@sgs.com t +91 124 239 9990 98

JAPAN

EXISTING CERTIFICATION SCHEMES	CB Scheme
APPLICABLE STANDARDS	DENAN (national standards) or IEC standards
CERTIFICATION MARKS AVAILABLE	<ul style="list-style-type: none">● PSE mark● VCCI mark
CERTIFICATION VALIDITY	3-7 years, depending on the product category
REQUIREMENTS	<p>SAFETY TESTING</p> <ul style="list-style-type: none">● Safety testing is mandatory for all electrical products.● Category A products: Test report should be issued by an accredited lab.● Category B products: Test report may be issued by any lab. <p>EMC TESTING is voluntary (VCCI), or can be mandatory (i.e. medical devices).</p> <p>FACTORY INSPECTIONS are mandatory.</p>
SGS ELECTRICAL & ELECTRONICS (E&E) LOCATIONS	<ul style="list-style-type: none">● Yokohama
SGS JAPAN E&E SERVICES	<ul style="list-style-type: none">● Wireless Product Approval Services (WiFi, Country Type Approval, etc.)● Electromagnetic Compatibility (EMC)● Safety testing & certification● Performance & Reliability● RoHS / Restricted substances (chemicals)● Product Inspection
CONTACT SGS JAPAN	ee.japan@sgs.com t +81 453 305 040

KOREA

EXISTING CERTIFICATION SCHEMES	CB Scheme
APPLICABLE STANDARDS	National standards based on IEC / EN standards
CERTIFICATION MARKS AVAILABLE	<ul style="list-style-type: none">● KC mark
CERTIFICATION VALIDITY	Valid until relevant standard changes
REQUIREMENTS	<ul style="list-style-type: none">● SAFETY TESTING is mandatory for electrical and electronic devices used with an electric power supply with mains powered between 50 ~ 1000 Vac.● EMC TESTING is mandatory.● FACTORY INSPECTIONS are mandatory.
SGS ELECTRICAL & ELECTRONICS (E&E) LOCATIONS	<ul style="list-style-type: none">● Anyang● Gunpo● Giheung
SGS KOREA E&E SERVICES	<ul style="list-style-type: none">● Wireless Product Approval Services (PTCRB, GCF, Bluetooth SIG, WiFi, Country Type Approval, etc.)● Electromagnetic Compatibility (EMC)● Safety testing & certification● Performance & Reliability● RoHS / Restricted substances (chemicals)● Product inspection
CONTACT SGS KOREA	ee.korea@sgs.com t +82 314 285 700

MALAYSIA

EXISTING CERTIFICATION SCHEMES	CB Scheme
APPLICABLE STANDARDS	ISO 5
CERTIFICATION MARKS AVAILABLE	<ul style="list-style-type: none">● ST mark (mandatory)● SIRIM mark (mandatory for selected products)● Top mark (voluntary)
REQUIREMENTS	<ul style="list-style-type: none">● SAFETY TESTING is mandatory for selected products.● EMC TESTING is not required.● FACTORY INSPECTIONS are not required.
SGS ELECTRICAL & ELECTRONICS (E&E) LOCATIONS	<ul style="list-style-type: none">● Shah Alam
SGS MALAYSIA E&E SERVICES	<ul style="list-style-type: none">● RoHS (chemicals)● Product inspection
CONTACT SGS MALAYSIA	ee.malaysia@sgs.com t +60 331 652 320 ext 200 / 201

PHILIPPINES

EXISTING CERTIFICATION SCHEMES	None on product certification
APPLICABLE STANDARDS	Bureau of Philippine Standards (BPS)
ACCREDITATION BODY	Philippine Accreditation Bureau (PAB)
REQUIREMENTS	<ul style="list-style-type: none">● SAFETY TESTING is mandatory for selected products.● EMC TESTING is mandatory for selected products.● FACTORY INSPECTIONS are not mandatory.
SGS ELECTRICAL & ELECTRONICS (E&E) LOCATIONS	<ul style="list-style-type: none">● Manila
CONTACT SGS PHILIPPINES	ee.global@sgs.com t +63 2 784 9400

SINGAPORE

EXISTING CERTIFICATION SCHEMES	<ul style="list-style-type: none">● Singapore Consumer Protection (Safety Requirements) Registration Scheme (CPS)● The registration must be supported with CoC issued by designated CABs located in Singapore or MRA partners
APPLICABLE STANDARDS	IEC standards, EN standards or SS standards
CERTIFICATION MARKS AVAILABLE	<ul style="list-style-type: none">● SAFETY mark
CERTIFICATION VALIDITY	3 years
REQUIREMENTS	According to chapter 6, List of Controlled Goods, Singapore Consumer Protection (Safety Requirements) Registration Scheme (CPS).
SGS SINGAPORE E&E SERVICES	<ul style="list-style-type: none">● RoHS / Other restricted substances testing (REACH SVHC, chemicals)● US CPSIA testing for consumer products (Chemicals)● Product inspection● Halogen free testing
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TAIWAN

EXISTING CERTIFICATION SCHEMES	None
APPLICABLE STANDARDS	CNS standard
CERTIFICATION MARKS AVAILABLE	BSMI mark for Safety and EMC
CERTIFICATION VALIDITY	3 years
REQUIREMENTS	<ul style="list-style-type: none">● SAFETY TESTING is mandatory for selected products.● EMC TESTING is mandatory.● In general, factory inspections are not mandatory, but for a few specific products are mandatory.
SGS ELECTRICAL & ELECTRONICS (E&E) LOCATIONS	<ul style="list-style-type: none">● Taipei● Kaohsiung
SGS TAIWAN E&E SERVICES	<ul style="list-style-type: none">● BSMI, Electromagnetic Compatibility (EMC) and Safety testing● NCC / FCC testing of EMC and radio frequency regulations● CBTL / Energy Star testing● Wireless conformance testing of Bluetooth / WiFi / Mobile communications● TAF accredited labs for medical devices● International Type Approval services● RoHS / Restricted substances testing (chemicals)● Products inspection
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THAILAND

EXISTING CERTIFICATION SCHEMES	None
APPLICABLE STANDARDS	Thai Industrial Standard (TIS)
CERTIFICATION MARKS AVAILABLE	<ul style="list-style-type: none">● TIS mark● SGS Safety mark
CERTIFICATION VALIDITY	<ul style="list-style-type: none">● One year for TIS● Three years for the SGS Safety mark
REQUIREMENTS	<ul style="list-style-type: none">● SAFETY TESTING is mandatory for selected products.● EMC TESTING is mandatory.● FACTORY INSPECTIONS are not mandatory for electrical manufacturing facilities.
SGS ELECTRICAL & ELECTRONICS (E&E) LOCATIONS	<ul style="list-style-type: none">● Bangkok
SGS THAILAND E&E SERVICES	<ul style="list-style-type: none">● RoHS / Restricted substances (chemicals)● Safety testing & certification● Product inspection
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AUSTRALIA

EXISTING CERTIFICATION SCHEMES	CB Scheme
APPLICABLE STANDARDS	<ul style="list-style-type: none">● IEC standards● Some national variations
CERTIFICATION MARKS AVAILABLE	<ul style="list-style-type: none">● C-Tick mark for safety and/or EMC● RCM mark for safety and/or EMC● An approval number is displayed with the mark
CERTIFICATION VALIDITY	5 years
REQUIREMENTS	<ul style="list-style-type: none">● SAFETY TESTING is mandatory.● EMC TESTING is mandatory.● FACTORY INSPECTIONS are not mandatory, but for a few specific products are mandatory.
SGS ELECTRICAL & ELECTRONICS (E&E) LOCATIONS	<ul style="list-style-type: none">● Melbourne
SGS AUSTRALIA E&E SERVICES	<ul style="list-style-type: none">● Electrical safety testing to Australian and international standards● Minimum energy performance standards (MEPS) testing of refrigerators, dishwashers, washing machines, clothes dryers, external power supplies● Australian mandatory safety certification
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NEW ZEALAND

EXISTING CERTIFICATION SCHEMES	CB Scheme, Swedac, UKAS
CERTIFICATION MARKS AVAILABLE	<ul style="list-style-type: none">● C-Tick mark for safety and/or EMC● RCM mark for safety and/or EMC
REQUIREMENTS	<ul style="list-style-type: none">● SAFETY TESTING is mandatory.● EMC TESTING is mandatory for Telecom, RF and medical products.● FACTORY INSPECTIONS are mandatory.
CONTACT SGS NEW ZEALAND	ee.australia@sgs.com t +61 398 759 023

SOUTH AFRICA

EXISTING CERTIFICATION SCHEMES	CB Scheme
APPLICABLE STANDARDS	IEC standards (few national deviations, which gradually will be replaced entirely by IEC standards)
CERTIFICATION MARKS AVAILABLE	<ul style="list-style-type: none">● SABS (South African Bureau of Standards)
CERTIFICATION VALIDITY	3 years
REQUIREMENTS	<ul style="list-style-type: none">● SAFETY TESTING is mandatory. Safety Certification is voluntary.● EMC TESTING is mandatory. EMC Certification is voluntary.● FACTORY INSPECTIONS are mandatory.
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WHEN YOU NEED TO BE SURE

