



# ELECTRICAL & ELECTRONICS (E&E) PRODUCT SAFETY & EMC MARKET ACCESS REQUIREMENTS AMERICAS

## USA

<b>EXISTING CERTIFICATION SCHEMES</b>	<ul style="list-style-type: none"> <li>● NRTL – OSHA Nationally Recognized Testing Laboratory</li> <li>● ISO 17065</li> <li>● CB Scheme</li> <li>● FCC</li> </ul>
<b>APPLICABLE STANDARDS</b>	<ul style="list-style-type: none"> <li>● ANSI / UL and ISA / ISO standards for Safety</li> </ul>
<b>CERTIFICATION MARKS AVAILABLE</b>	<ul style="list-style-type: none"> <li>● SSGS North America Safety Mark</li> <li>● FCC Mark</li> </ul>
<b>CERTIFICATION VALIDITY</b>	Over the entire lifetime of the product provided that criteria for continued certification are met.
<b>REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>● <b>SAFETY TESTING</b> and <b>CERTIFICATION</b> is mandatory for children’s products and products that could be used in the workplace.</li> <li>● <b>FCC</b> is mandatory.</li> <li>● <b>FACTORY INSPECTIONS</b> are mandatory as part of the Safety Certification process.</li> </ul>
<b>SGS ELECTRICAL &amp; ELECTRONICS (E&amp;E) LOCATIONS</b>	<ul style="list-style-type: none"> <li>● Fairfield, NJ (Lab)</li> <li>● Branchburg, NJ (Lab)</li> <li>● Atlanta, GA (Lab)</li> <li>● Lenexa, KS (Lab)</li> <li>● San Diego, CA (Lab)</li> </ul>
<b>SGS NORTH AMERICA E&amp;E SERVICES</b>	<ul style="list-style-type: none"> <li>● Product Safety (Global Compliance Testing): NRTL, Low Voltage Directive (CE), Medical Device Directive (CE), CB Scheme, Global Compliance Safety Testing</li> <li>● Performance Testing</li> <li>● Verification Testing</li> <li>● Reliability Testing</li> <li>● EMC Testing/Certifications (Global Compliance Testing)</li> <li>● Wireless</li> <li>● RoHS/Restricted Substances (Chemicals - Global Compliance Testing)</li> <li>● Product Quality Inspection</li> </ul>
<b>CONTACT SGS US</b>	<p><a href="mailto:ee.northamerica@sgs.com">ee.northamerica@sgs.com</a>          t +1 973 575 5252          t 1-800-777-TEST – available only in the US</p>

## CANADA

<b>EXISTING CERTIFICATION SCHEMES</b>	<ul style="list-style-type: none"><li>● SCC: Standards Council of Canada</li><li>● IC: Industry Canada</li></ul>
<b>APPLICABLE STANDARDS</b>	<ul style="list-style-type: none"><li>● CAN / CSA Standards</li><li>● RSS Standards</li></ul>
<b>CERTIFICATION MARKS AVAILABLE</b>	<ul style="list-style-type: none"><li>● SSGS North America Safety Mark</li><li>● IC Mark</li></ul>
<b>CERTIFICATION VALIDITY</b>	Over the entire lifetime of the product provided that criteria for continued certification are met.
<b>REQUIREMENTS</b>	<ul style="list-style-type: none"><li>● SAFETY TESTING and CERTIFICATION is mandatory for children's products and products that could be used in the workplace.</li><li>● FCC MARK is mandatory.</li><li>● FACTORY INSPECTIONS are mandatory as part of the Safety Certification process.</li></ul>
<b>CONTACT SGS CANADA</b>	<a href="mailto:ee.northamerica@sgs.com">ee.northamerica@sgs.com</a> t +1 973 575 5252

## BRAZIL

<b>EXISTING CERTIFICATION SCHEMES</b>	CB Scheme
<b>APPLICABLE STANDARDS</b>	<ul style="list-style-type: none"><li>● NBR (Brazilian National Standards)</li><li>● NBR IEC (Identical to the corresponding IEC Standard)</li><li>● NBR NM IEC (Harmonized for Mercosur, full translation of respective IEC Standards)</li></ul>
<b>CERTIFICATION MARKS AVAILABLE</b>	<ul style="list-style-type: none"><li>● INMETRO – for non-telecom products</li><li>● ANATEL – for telecom products</li></ul>
<b>CERTIFICATION VALIDITY</b>	<ul style="list-style-type: none"><li>● 1 year for Sound Power of Household Products</li><li>● 3 years for most products</li><li>● 4 years for Fans and Air Circulators</li><li>● 5 years for Domestic Use Gas Ovens and Stoves</li><li>● 5 years for Medical Electrical Equipment</li></ul>
<b>REQUIREMENTS</b>	<ul style="list-style-type: none"><li>● SAFETY TESTING is mandatory. SAFETY CERTIFICATION is voluntary.</li><li>● EMC TESTING is mandatory for Telecom, RF, ITE and Medical Products.</li><li>● FACTORY INSPECTIONS are mandatory.</li></ul>
<b>SGS ELECTRICAL &amp; ELECTRONICS (E&amp;E) LOCATIONS</b>	<ul style="list-style-type: none"><li>● Barueri, SP</li><li>● Piracicaba, SP</li></ul>
<b>SGS BRAZIL E&amp;E SERVICES</b>	<ul style="list-style-type: none"><li>● SGS RoHS Mark (Chemical)</li><li>● REACH Compliance Program (Chemicals)</li><li>● Restricted Substances Testing (Chemicals)</li><li>● Product Inspection (National and International Programs)</li><li>● Product Certification (National and International Requirements)</li><li>● Control of the Supply Chain</li><li>● Customized Services</li></ul>
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**SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.**