



## QPS Evaluation Services Inc.

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### QPS Policy and Procedures for Acceptance of Components in End-Products

Components used in a product to be certified by QPS fall under three different scenarios and are handled as outlined below.

**Scenario A:** The component is certified/listed by an accredited Certification Body.

**Note:** Such components are presumed to meet the full requirements of the applicable component standard.

**Scenario B:** The component is “recognized” or “Accepted” by an accredited Certification Body.

**Note:** Such components are incomplete in their construction and/or have been subjected to limited tests. To be properly used in an end product, the component must be used as described in the test report and/or in its Certificate of Recognition/Acceptance.

**Scenario C:** The component is neither certified, nor recognized.

**Note:** Such components are tested and “accepted” by QPS for the specific end-product application.

**For components under “Scenario A”,** the following requirements shall apply in full:

1. Detailed information on the component must be provided.
2. The component must bear the certification/listing mark of the CB in question.
3. Evidence of certification must be provided, such as a Certificate of Compliance.
4. The Certificate must be less than 5 years old (unless evidence is provided that the construction of the component has not changed since initial certification).
5. The component must be suitable for the end-product application. Suitability is established by testing/evaluating the component to the additional component requirements specified in the end product standard (where applicable).

**For components under “Scenario B”,** the following requirements shall apply in full:

1. Detailed information on the component/material must be provided.
2. The component must bear the “Recognized/Accepted” mark of the CB.
3. A copy of the complete CB test report must be provided.
4. The test report must be less than 5 years old, and must include a full description of the construction of the component in question, as well as pertinent information such as manufacturer’s name, type/catalog number, electrical rating, flammability rating (if applicable).
5. The component must be suitable for the end-product application. Suitability is established by considering the scope of testing performed by the issuing CB, and by testing/evaluating the component to the additional component requirements specified in





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- the end product standard (where applicable).
6. The component is subject to a follow up inspection scheme by the issuing CB.

For **components under "Scenario C"**, the following requirements shall apply in full:

1. Detailed information on the component/material must be provided.
2. The component shall be tested by QPS to determine compliance with the relevant requirements of the applicable component standard.
3. The component shall be tested by QPS to the requirements of the end product standards to determine suitability of the component for the application.
4. Such "uncertified" components are considered as QPS "Accepted Components" and subject to the following procedure:
  - a) The component must be inspected during factory inspection performed on the end-product.
  - b) The component is subjected to a regular re-testing program. The extent and frequency of testing will vary depending on several factors.

### **Acceptance of Components When Issuing a CB Test Certificate**

Components used in end-products submitted to QPS for the purpose of issuing a CB Test Certificate are accepted based on the following conditions:

1. Two acceptance options are considered:

**Option 1:** A CB Test Certificate and a CB Test Report for the component in question is provided by the client.

**Option 2:** A test report based on the relevant IEC standard and issued by an NCB member of the CB Scheme is provided.

Note: If neither of the above two conditions is fulfilled, QPS will test the component and will append the component test report to the CB Test Report for the end-product.
2. Where applicable, the components must be evaluated to the declared National Differences of the target countries.
3. In the case where special testing/evaluation of a component/subassembly is required, a sample of the component involved may be requested.
4. A sample of the product is required for the following purpose:
  - a) To verify that the product is the same as that described in the CB Test Certificate/Report.
  - b) To test the product to the Canadian National Differences, if it has not been performed by the issuing NCB, and is not documented in a "Supplement to the CB Test Report".





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- c) To perform any tests deemed necessary.
5. In order to accept components in an end-product submitted to QPS for certification, the following steps are taken by QPS:
- a) Verify that the component is suitable for the intended use in the end-product application, in terms of construction and ratings.
  - b) Where Canadian National Differences for a given component exist, the submitted component test report will be reviewed and checked against the National Differences to determine if there is technical equivalency of the requirements used for testing to the applicable Canadian requirements.  
Note 1: If the requirements used are deemed to be technically equivalent, the component may be accepted and the statement: "No additional tests on this component were deemed necessary for this application" (or equivalent wordings) must appear in the report.  
Note 2: If the requirements are not technically equivalent, additional tests on the component involved may be required to verify compliance with the relevant standards. The results of such tests will be documented in the QPS Certification Report.
  - c) Where no Canadian National Differences exist, QPS will accept the component based on:
    - A valid CB Test Report, or
    - A test report based on the appropriate IEC component standard, prepared by an NCB member of the CB Scheme.
  - d) In the case where there is no IEC standard for a component, then the component will be:
    - Tested to the applicable Canadian requirements, and
    - Subjected to an inspection and re-testing program.
  - e) In the case where a component is used beyond its certified or tested ratings, then the component will be:
    - Tested and/or evaluated under the actual conditions of use, and
    - Subjected to an inspection and re-testing program.

