

In-House Laboratory

ISO 17025

CSA Shared Testing

Test / Evaluate

Certify Components

Registered Delegates

Reducing Lead Time

Faster Approvals

Engineering Expertise

Technical Support

Linear Transformers

Single Phase

Three Phase

Class 2 Transformers

Toroidal Transformers

Inductors

Industrial Controls

High Efficiency

High Frequency

UL, CSA

VDE , TUV

CE, ETL, ITS



The Signal Transformer a division of **bel** COMPONENTS FOR A
CO-CONNECTED
PLANET products has provided innovative application specific solutions and unparalleled service to the electronics industry for more than 50 years.

Establishing the company as the world's leader of wire wound magnetic solutions was the objective in 1959 it is a reality today.

Agency Certification

Visit us at signaltransformer.com

innovation in wire wound magnetic solutions



In-House Certification Laboratory

Signal Transformer maintains an in-house ISO 17025 certified laboratory that enables us to participate in CSA's "Shared Manufs Testing & Certification (SMTC) This program makes it possible to certify and use the **CSA** / **cCSA**us mark on new designs within days.



For more than 15 years, Signal Transformer has been able to both simplify and expedite the transformer Certification process for our clients by utilizing CSA's SMTC Program. Most recently this



prestigious program has undergone significant change. Manufacturer's utilizing this program must now qualify to the IEC/ISO 17025 standard for Testing Laboratories.

What is the SMTC and why is it of significance to Signal and our customers? This program allows designated Signal Transformer engineering personnel to test and evaluate both catalog and custom transformers to CSA and UL transformer standards. Upon successful completion of tests, the results are supplied to CSA whereupon the CSA engineer reviews the results and grants Signal the authorization to "certify" the component. This process may require as little as 3 days after transformer samples are provided to Signal's engineering department.

Signal Transformer is the only transformer manufacturer in the United States having such accreditation to the SMTC program. In addition, Signal Transformer's engineering director is one of four registered Delegate's on the United States National Committee, (USNC) Technical Committee, (TC) 96 for the International Electro-technical Commission, (IEC). National Committee Delegates have the responsibility and authority to revise and mandate changes to the relevant IEC standards.

While ,minimizing the costs and lead time associated with the certification of custom transformers. USNC Delegates represent the voice of US transformer manufacturers and have intimate firsthand knowledge of any pending changes and or revisions to the relevant IEC standards. Having this association allows Signal's engineering staff to maintain vigilant standards oversight.

- **ISO 17025**
- **In House Testing Laboratory**
- **Faster Agency Certification**
- **Authorize Changes**
- **Cut through the regulatory maze**
- **Quick Turn Prototyping**
- **Faster Design Evaluations**
- **JIT Programs**

In-House Certification Laboratory

One of the unique advantages Signal Transformer bring to the wire wound magnetic engineer is our in-house ISO 17025 certified laboratory that enables us to participate in the CSA Shared Manufacturers Testing and Certification, (SMTTC) program. This program makes it possible to certify and use the **CSA /cCSAus** mark on new designs within days.

UL1411 – Audio, Radio and Television
UL60601-1 – Medical and Dental Equipment
UL5085-1 parts 2 and 3, General Purpose and Class 2 Current
UL1563- Hot tubs and Spas
UL 916- Intrinsically Safe Circuits
UL 864 Fire Alarm Detection
UL 1069-Nurse Call Systems
UL 1238-Liquid Dispensing Equipment
UL 60950-Information Technology Equipment
UL 924-Emergency Lighting
UL 1059- Terminal Blocks
UL 310-Electrical Quick Connect
IEC 61558-1-2 Isolating and Safety Isolating Transformers
IEC 60601-1 Electro Medical Equipment
IEC 61010B-1 Electrical Measurement and Test
IEC 60065 Audio Video and similar
IEC 60335 Household Appliances
IEC 60950-Information Technology
IEC 1210 Flat Blade Quick Connect
IEC 60998-1-2 Screw type Binding Clamp connections.
CSA C22.2#66-1,2,3 General purpose and Class 2 Transformers
CSA C22.2# 950 / 60950 Information Technology
CSA C22.2 No 158-1987 Terminal Blocks
CSA C22.2 No. 153-M1981-Quick Connect Terminals
VDE 0550 / 0551, Isolating Transformers
VDE 0750, Reactor and Auto Transformers



The Signal Transformer Challenge:

Test us! From the most cost effective simplistic power conversion component to highly extremely specialized platforms for demanding applications, Signal's staff has the skills, the resources and the desire to make it happen.

Ask us! Whether you require one component for that classic Fender amplifier or a million pieces for that new energy efficient solar conversion system, we can develop it.

Believe us! Millions of our time tested components have been functioning flawlessly 24/7 at full duty for decades. Being part of the  family we have the resources, the capacity and the technical expertise.

Try us! Simply contact our vast distribution network or our technical sales and engineering staff with your power conversion requirements. needs. We can help!



Bel (www.belfuse.com) and its subsidiaries, including Signal Transformer, are primary engaged in the design, manufacture and sales of products used in power conversion. Products include linear transformers, power toroidal transformers, high frequency inductors , chokes and custom designs. Signal Transformer operates facilities around the world. Visit us at...

www.signaltransformer.com

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