



ELECTRICAL COUNTERFEIT AWARENESS

Electrical counterfeits can and do kill.

Every day, counterfeit electrical products are finding their way into our homes, businesses, and public institutions. These fraudulent products pose a serious financial and legal liability to the electrical industry, and they have become a grave safety crisis for our communities - a crisis that requires immediate action.

Counterfeit electrical products pose significant safety hazards, and left undetected can cause deaths, injuries and substantial property loss in the home and the workplace.

This fact sheet provides information on the simple steps that consumers can take to identify and avoid these potentially dangerous devices, and offers additional background about the *Counterfeits Can Kill* campaign.



INDUSTRIAL POWER COMPONENT SPECIALISTS

ICT is Counterfeit “FREE” Program

Over the past number of years the industrial power component industry has been flooded with sub-standard fake or counterfeit product. As a distribution leader in North America, I.C.T. Power Company Inc. has instituted a zero tolerance policy and a program to prevent exposing any of our customers to this illegal and dangerous product. The following document shows what steps ICT Power and its affiliate group of companies have taken to insure quality, genuine, top grade product is what we provide.

ICT Power Co. was founded in 1992, and having 20+ years in our field, gives us a competitive edge with our in house expertise and industry knowledge. This has also helped us combat counterfeit product suppliers, manufacturers, and product itself. As a corporation this is what our, **ICT is Counterfeit “FREE”**, program is about and how it helps our valued customers.



The Cost

Product failure, down time, productivity loss, testing time, troubleshooting time, re-procurement costs and loss of revenue are a major strain on a company's growth and or profitability. These are the reasons we aim to provide a higher standard of excellence, and to provide quality genuine parts to our customers. Trust is paramount in this industry, and the distribution companies that fail to understand this, FAIL.



Quality Objectives

I.C.T. Power Company Inc. strives to exceed our customer's expectations with each and every order. We analyze any opportunity to make our quality control “ICT is Counterfeit FREE Program” the best it can be. Through these key processes, including contract reviews, preventative and corrective actions, detailed documentation and traceability, inspections, continuous evaluation of vendors, and customer feedback are all an integral part of our policy and program.

At ICT we remain... **Counterfeit FREE.**

Sincerley, Afshin Montazeri – Founder & President

How ICT Power Company protects you

Traceability of the Product

- Manufacturers “Certificate of Conformance”.
- Lot & Batch Codes.
- Product Marking.
- Original Packaging and Labeling.
- OCM (original component manufacturer) Verification.
- Serial Numbers when and where applicable.

Physical Inspections

- 100% Visual.
- Part Marking – Top & Bottom check.
- Part Number Marking.
- Weight Comparisons.
- OCM – Verification.
- Body Inspection.
- Lead Inspection.
- Date Code / Lot Number.
- Quantity Verification.
- Serial Numbers – Tracked.



Authenticity of Product

- 20+ Years in business – knowledge and expertise.
- IN HOUSE Permanency of marking testing.
- IN HOUSE Engineering review.
- IN HOUSE Material analysis.
- Third Party X-Ray (if required).



Conformance Testing of Product

- ALL ‘New’ suppliers and manufacturers are surveyed.
- Trade references are requested and verified.
- Industry “Watchdog” agency – compliance file checked.
- ALL suppliers are continuously evaluated on quality and S.O.S (Service Of Supply) performance matrix.
- Problematic suppliers/manufacturers are flagged and removed from the ICT Power Company approved vendor list. This list is shared with our affiliate companies and business partners.

Proper Purchasing Practices

- Approved vendor list.
- Certificate of Conformance Requests.
- Not buying based solely on cost.
- Not Buying from unknown vendors.
- Buying from known manufacturers and suppliers.



CERTIFICATE OF CONFORMANCE

I.C.T. Power Company Inc.
1220 Corporate Drive
Burlington, Ontario
L7L 5R6

Date:

Manufactured By:

Manufactured For:

Purchase Order No:

Serial Numbers: N/A

Part Numbers:

Contract No: N/A

For the items listed on the attached packing list(s): Sales Order #

I.C.T. Power Company Inc. certifies that:

- a) The items manufactured are in conformance with the Contract requirements;
- b) Material used in the work is in accordance with the material specification set forth in the Contract;
- c) All documentation required to support acceptance of the work as required under (b) has been reviewed and will be retained on file.

Reference Packing List Number/s:

Date

Authorized Signature

Name Printed

ICT is Counterfeit “FREE” Program

These are some examples of some of the exposure ICT Power has had first hand with counterfeit product, and even shows how governments are subject to being fooled by the same illegal and dangerous parts.

This is a paraphrase of an article from Electronics Products and Technology (EP&T) with the headline reading:

Canadian military transport planes flying with fake electronic parts

As part of a CBC news investigation of 14 months, the US senate armed services committee concluded that in 2012 counterfeit Chinese chips were installed in the Hercules transports and other American made military equipment and are prone to failure with potentially “catastrophic consequences.” Failure of the parts could leave pilots flying blind with no information on altitude, speed, location, fuel supply, engine performance or even warning messages.

See: <http://www.ept.ca/news/canadian-military-transport-planes-flying-with-fake-electronic-parts/1001984176/>

From 2012 EP&T

Reports of counterfeit parts quadruple

Source: Daily News | 2012-02-22

Reports of counterfeit parts have soared dramatically in the last two years, presenting huge challenges for electronics manufacturing and especially the military and aerospace industry at a time when the US government is tightening regulations...

Example:

Nothing like buying some parts and when they come in it is discovered that the provider has subbed your order with USED product.



Bogus product on a subway car

ICT Power was sent a picture of a product by a concerned customer from the USA. This customer explained that these products had failed in service with a well-known transit authority, and asked if they could ship this item to us so ICT Power could have a look at this fake/counterfeit product of a line we are an authorized distributor for. Upon first visual inspection it was difficult to determine whether this was a fake or genuine part. One of our engineering managers looked closer to identify a different colour of material used in the manufacturing. We then weighed this item and compared it to the REAL product. There was a significant difference. Only through a diligent program of many components is ICT Power able to have comfort in knowing we ONLY sell, quality, genuine, certified products to our valued customers.