# 2017

# **Renco Electronics, Inc.** Customer Quality Packet

This document has been created to support both our current and potential customers. It is our intent to provide a more accurate, complete and faster response to Supplier Requests.





# **RENCO ELECTRONICS, INC.**

# **Company Profile**

Corporate Headquarters 595 International Place Rockledge, FL 32955 Tel (321) 637-1000 | Fax (321) 637-1600 www.rencousa.com



# **About Renco**

Renco Electronics is a world class, Engineering driven manufacturer of inductors, transformers, and subassemblies that utilize magnetic components. Our components are designed into thousands of products including cappuccino and coffee makers, parts for back-up generators in the International space station, residential LED lighting, household appliances and mass flow meters for the food and beverage industry.

At Renco, we can build to print, work in conjunction with your engineering team, or, completely custom design inductors or transformers to your exact specifications.

We will build 10 pieces to 10 million pieces. Automated low cost, high volume production lines give us the ability to produce over 5,000 parts per line, per day. Our extensive manufacturing capabilities in North America & China include everything from high speed winding machines to our own programmable work station robots. We control everything down to the final test to ensure uniformity & unsurpassed reliability.

# History

- 1955 Founded by The Rensing Family
- 1960 Specialized in radio and television coils
- **1981** Financed and built 18,000 sq ft. manufacturing facility in Deer Park, New York. Specialized in switching magnetics
- 1990 Added linear transformer manufacturing
- 1993 Added SMD technology & manufacturing
- 1995 Established manufacturing facility in Guangdong Province, CN
- 1999 Moved corporate headquarters to a 45,000 sq. ft. facility, on 8.8 acres in Rockledge, FL
- 2003 Renco becomes ISO 9001:2000 certified
- 2005 Launches all new e-commerce website
- 2008 Expansion of Engineering Dept. and technical resources
- 2009 Renco upgrades to the ISO 9001:2008 certified
- 2010 Purchased addition warehousing in Rockledge, Fl.
- 2011 Opened New Hong Kong Logistics and Office

### *History* (Continued)

- 2014 Launched New ERP System
- 2014 ITAR Certification
- 2015 Celebrating 60 years in business
- 2015 Acquired Coils Unlimited
- 2016 Obtained United States/Canada Joint Certification Program
- 2016 Rockledge, FL Facility expansion

## **Renco Growth Rate**

- Four (4) year average growth rate >30%
- Contributors to Growth
  - Expanded Engineering Department
  - Expanded Sales Department
  - Improved Worldwide Logistics
  - New Software System (Process Improvements)

## Manufacturing

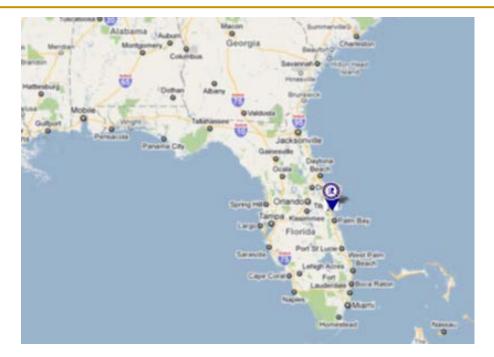
Rockledge, Florida:

59,000 sq. ft., ~100 employees

#### Guangdong Province, China:

63,000 sq. ft. 1,000 employees





# Rockledge, FL Site of Renco Corporate Headquarters



**Guangdong Province, China Site of Renco China Factory** 





Renco Electronics Hong Kong RM 806 8/F and RM 1729 17/F, Thriving Industrial Center 26-38 Sha Tsui Road, Tsuen Wan N.T. Hong Kong







## MANUFACTURING

- Assembly line work flow and Automated Machinery
  - Winding lines
  - Specialty Winding Machines
  - **Custom Fabrication and Tooling**
  - Custom bobbin tooling
    - Multiple Cavity Molds for bobbins (pinned and unpinned), bases, encapsulation cups, and spacers
  - Custom core tooling
    - o Unique geometries of ferrite, powdered iron, and silicon steel
      - Machine Shop
      - o Core gapping
      - o Tools/Fixtures
      - o Custom bobbins and headers
      - CNC Machine
      - On site machine repair+
      - o Specialized equipment
      - CNC and Core Gapping

#### In-House Core Gapping and Tape Slitting

- Prep Assembly; (Tape Slitting, Bobbin Dotting, Shield assembly, Pin Removal, Part ID labels)
  - o Centralized manufacturing documentation
  - Raw material preparation
  - o Increases line flow time
  - o Reduces waste

#### Vacuum Epoxy Encapsulation & Varnish Impregnation

- Custom varnish system
- Precise electronic controlled varnish levels
- Walk-in computerized controlled oven with chart recorder
- Encapsulation and conformal coating
- Mil Spec capability
- High reliability medical applications
- Vacuum Oven
  - Vacuum Oven
  - Encapsulation

#### • 100% Inprocess Inspection

- Voltech
  - o Continuous compliance verification
  - State-of-the-art networked system
  - o Test data storage and printing
  - o SPC capabilities

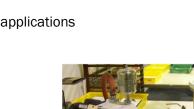














- Quality Assurance
  - o Certified technicians
  - Full calibration program
  - o World class test and inspection equipment
  - o Defined workmanship standards
  - o Document verification
  - o Lot traceability
  - o ISO 9001:2008
  - o Corrective actions
  - o Material review board
  - o Interdepartmental interface

#### In-House Environmental Testing

### **CUSTOM DESIGN FORMS**

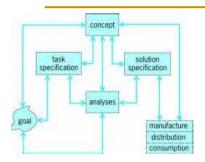
- Simplifies the processes on custom designs
  - Power Transformer
  - Switch mode Transformer
  - Current Transformer
  - Inductor
  - Common Mode Choke
- Decreases processing time
- Fill out by hand or on the PC using Microsoft Excel
- Email or Fax it to the Engineering Dept
- Makes life easier for both companies

## **CUSTOM SAMPLE SUPPORT**

- Quick turn samples
  - Industry Standard Material Inventory
  - 5 Dedicated Sample Makers
  - Samples typically at NO Charge
  - 1 Week Lead Time
- Quality
  - ISO 9001:2008 Certified
  - UL Recognized Insulation System
- Documentation
  - Approval sheet, Mechanical, Electrical, and UL material information







# **Engineering Support**

- Six Design Engineers
- Assigned Territory Coverage
- FAE on-site customer support
- Experienced, 50+ years combined
- Two Engineering Technicians

#### • Six Prototype Makers

- Quick Turn Samples
- Complete Document and Design Control
- Industry Standard China Material stocked domestically
- Design Review: Feasibility, Cost Reduction and DFT/DFM
- Design Tools
  - Standard Inductor Design Kits
  - Custom Magnetics Design Worksheets
  - Web-Based Virtual Engineer and Product Selector
  - Custom bobbin, headers and core tooling

#### Manufacturer Sales Representatives

- 100+ Domestic
- 25+ International

# **Additional Support**

#### Supply Chain

'Walk the Talk'	Le dership **	wiedge Sharing with Statisholders		
Get "outside the box"		ustainable product and rocess development		
Align with Corporate Strategy	Integration	Supply Chain Operations     Procurement     Supplier Management		
Measure and Improve results	Continuous Improvement	Supplier engagement     Pollution prevention     Environmental Mgmt System		
Meet or exceed	Compliance	• "Price of entry" • A given		

- Strategic supply chain management based in Rockledge, FI
- Only approved industry recognized sources are used
- Renco Headquarters either specifies the approved source or procures the material directly for distribution via our Hong Kong Logistics Center

#### **Program Management**

- Materials, design, product validation and acceptance are done domestically
- China first article approval performed at USA headquarters
- Manufacturing processes and quality control plan established at USA headquarters
- Statistical reports reviewed by USA headquarters for high volume production
- Program Coordinator based in Asia
- On-site coordination/performance review quarterly
- Domestic, single-point accountability for customers enhance ease of doing business





#### Lean Manufacturing and Continuous Improvement

- ISO 9000:2008
- Failure Analysis (5 Why's, PFMEA, 8D)
- Process mapping and Analysis
- ERP System
- Mirrored capability between Domestic and Asian facility
- Domestic, low volume dedicated work cell
- In-process, real-time 100% test validation



#### **Safety Information**



#### •UL – Underwriters Laboratories

-Renco owns more than fifteen UL Recognized Insulation systems allowing our customers lower costs and faster turnaround time for safety agency approval



- CSA Canadian Safety Agency
- TUV German Agency
- VDE European Safety Agency







• JCP – United States/Canada Joint Certification Program









## **Standard Products**

#### Transformers

- 50/60 Hz Laminated transformers
  - Silicon Steel Cores
  - Nickle, non-gain or gain oriented
  - Chassis and PCB Mount
  - Pinned, Terminals or Fly Lead Termination
  - Single Phase & Three Phase
- High Frequency switch mode transformers
- Switch Mode Transformers

#### **Current Sensors**

- PC mountable 50/60 Hz thro-hole current sensors
- High frequency thru-hole current sensors

#### **Unique High Power Magnetics**

- 3-phase line reactors
- Cut core transformers/inductors
- Variac

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• Typically less than 50kVA

#### **Inductors and Chokes**

- Power Chokes
- Differential Mode Chokes
- Line Filters
- Self-leaded and base mounted inductors available shielded or unshielded with current ratings up to 100A+ and inductances up to 100mH+

#### **Common Mode Chokes**

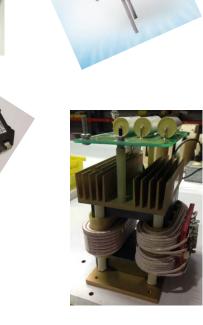
 Single and 3-Phase common mode chokes with current ratings from up to 60A and inductance up to 200 mH

# Surface Mount Power and RF Inductors

• Available in a variety of sizes, inductance values and currents

#### **Toroidal Transformers**

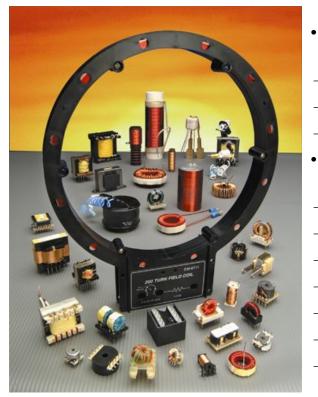
• Power ratings up to 10,000 VA



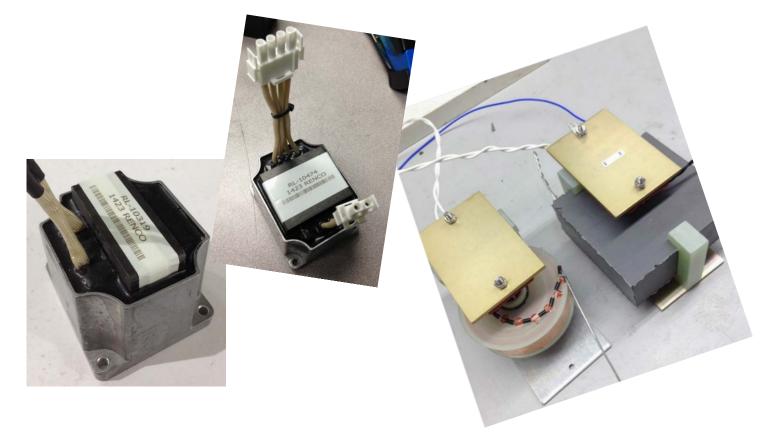




# **Custom Magnetics are our Specialty**



- Transformers and Inductors can be designed on any geometry available
- Rod, Drum, E, EC, ETD, EFD Core
- EP, RM, PQ, DS, Pot Core
- Toroidal, U-Core (cut)
- Materials to satisfy any application and frequency range
- Steel
- Powder Iron
- Kool Mu
- Molypermalloy
- High Flux Powder
- Ferrite
- Amorphous/nano-crystalline Design driven





# "Precisely the best coils and transformers" - www.rencousa.com.

# **On-Site Facility Approvals**

- Liebert Corp. (Emerson)
- Micromotion (Emerson)
- Harris Corporation
- D.R.S. Tactical Systems
- L-3 Communications
- General Electric
- Avionics Instruments, Inc.
- Baldor Electric
   Company
- Danaher
- M.C. Assembly
- Beckman Coulter
   Medical Diagnostics
- Embraer
- Allied Signal/Honeywell
- Liebert Corp. (Emerson)

- ISO 900
- ISO 9002
- ISO 9001
- ISO 9001
- ISO 9001
- GES-1000
- ISO 9001
- AS 9000







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AT HOME IN THE AIR

Trimble.

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SCHWEITZER

ENGINEERING LABORATORIES

Powering Business Worldwide

SEL

# Additional World Class Renco Customers



Ametek	Miller Electric
Bose	Motorola
Catepiller	Northrop Grumman
Cox and Co.	Panasonic/Osram
Everbrite	Parker Hannifin
Franklin	Siemens
Leviton	Tyco/Simplex Safety Products
Lockheed Martin – Platinum Supplier	Watlow Heating Controls
Flatinum Supplier	White Rogers









# **CONTACT INFORMATION**

and

# **ORGANIZATIONAL STRUCTURE**

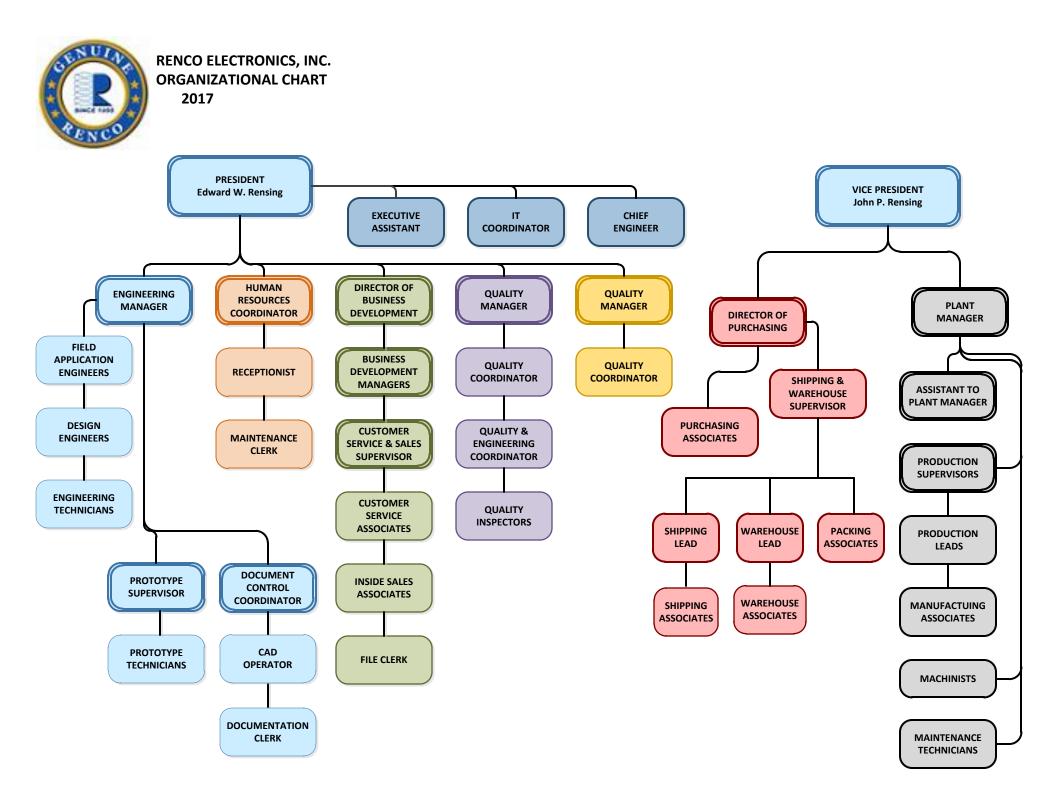
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# **Contact Renco**

Corporate Headquarters Direct (321) 637-1000 FAX (321) 637-1600 Engineering Hotline 800-645-5828

- Engineering Manager Kevin Enser <u>kenser@rencousa.com</u> cell (321) 403-5622
- Chief Engineer Joe Long <u>ilong@rencousa.com</u> (321) 432-0410
- Field Applications Engineer lan Rensing <u>irensing@rencousa.com</u> cell (321) 302-4055
- Design Engineer
   Andy Wang
   <u>awing@rencousa.com</u>
- Design Engineer
   Edward Nina
   enina@rencousa.com
- Jr. Design Engineer Michel Augustin <u>maugustin@rencousa.com</u>

- Director of Business Development Gary A. Jones gjones@rencousa.com cell (321) 403-5699
- Business Development Manager Mike Amick <u>mamick@rencousa.com</u> cell (321) 288-3011
- Business Development Manager Don Ensign <u>densign@rencousa.com</u> (321) 505-9398
- Business Development Manager Dan Kinnick <u>dkinnick@rencousa.com</u> cell (321) 795-6885
- Director of Purchasing
   Christopher Rensing
   <u>crensing@rencousa.com</u>
   cell (321)223-3351
- Quality Assurance Manager
   Marla Westcott
   <u>mwestcott@rencousa.com</u>



# SUPPLIER SURVEY, QMS CERTIFICATION, RoHS/REACH CONFLICT MINERALS COMPLIANCE STATEMENTS and JCP Certification

Renco Electronics Inc 595 International Place, Rockledge, FL 32955 USA Tel: (321) 637-1000 Fax: (321) 637-1600 Web: www.rencousa.com								
SUPPLIER QUALITY SYSTEM SURVEY								
Section 1: General Information	Section 1: General Information							
Supplier Name: Renco Electronics, Inc.								
Street Address: 595 International Place								
City: Rockledge	State:	Florida Zip Code: 32955						
Province:		Country:		USA				
Remit to Address (if different):		-						
Phone: (321) 637-1000 Fax:	(321) 637	7-1600	Web:	www.ren	cousa.com			
Contact Personnel: Gary	A. Jones		Email: g	jones@re	encousa.cor	n		
Section 2: Company Information								
Type of Business ("X"): 🖌 M	anufacturer		Distributor		Service			
Commodity/Service Provided: Products	: chokes, indu	ctors, surfa	ace mounts, te	oroids and	d transformer	s		
Commodity/Service Provided: Products: chokes, inductors, surface mounts, toroids and transformers								
D & B No.: 00-204-6514 Tax II	D No.: 11-1792	2364	Payment Terms:					
Or SS		(if wire transfer, attach instructions)						
Key Personnel:								
QA Manager: Marla C. Westcott			Email: mwe	stcott@re	encousa.cor	n		
Engineering: Kevin Enser Email: kenser@rencousa.com								
Sales Manager: Gary A. Jones		Email: gjones@rencousa.com						
Section 3 Quality System								
Your Quality Assurance System meets	the requiremen	ts for the fo	llowing:					
Expiration Date	Expiration Date:							
<b>√</b> ISO 9001:2008 03/31/2016		MIL-Q-9858A						
ISO/TS 16949			MIL-I-45208					
AS9100 Rec C			NADCAP					
Other	Other							
Please include a copy of each certificate when returning this survey.								
Has this company received any major audit findings within the last year? NO 🗸 YES								
Explain:								





Fax: (321) 637-1600

Web: www.rencousa.com

SUPPLIER QUALITY SYSTEM SURVEY									
If your company has a third party registration, you do not need to answer the following questions. Please sign and date below.									
Please check the box that applies	Yes	No	Comm	nents					
Do you have a quality manual?									
Is it current within the past two years?									
Is there an equipment calibration system?									
Internal or Outsourced?									
Are records maintained for the life of the equipment?									
Process control routing system?									
Do you have a Document control System?									
Is an incoming inspection performed on all materials?									
In-process Inspection performed?									
Final inspection performed?	Final inspection performed?								
Are inspection records maintained? How long?									
Are internal audits performed?									
Are corrective actions procedures in place?									
Do you have traceability of parts and materials (batch/lot) to the OEM? This is for potential recall efforts.									
Are non-conforming materials identified and segregated?									
Do you have a training program?									
Are records retained for two years after an employee has left?									
Is continuous improvement utilized?									
Thank you for taking the time to complete this survey. Please email of fax the completed survey , certifications and W-9 to the attention of Marla C, Westcott; <u>mwestcott@rencousa.com</u>									
Completed By: Marla C. Westcott				Date: 06/	10/20	16			
(electronic)									
Title: Quality Assurance Manager			Phone: (321) 637-1000						
For Renco Electronics Inc. Internal use only									
QA Rep:	Date: Approved: Yes N			No					
Purchasing Rep.:	Date: Approved: Yes No			No					
Supplier Number:									





Certificate of Registration

This certificate has been awarded to

### **Renco Electronics, Inc**

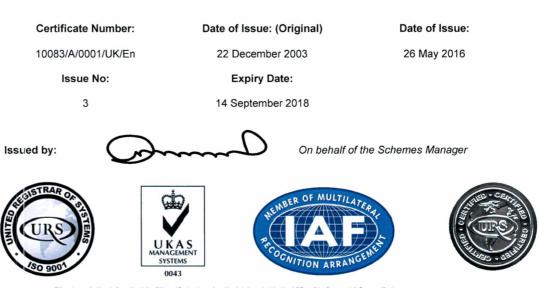
Renco Electronics, Inc, 595 International Place, Rockledge, Florida, FL 32955, USA

in recognition of the organization's Quality Management System which complies with

## ISO 9001:2008

The scope of activities covered by this certificate is defined below

The Design and Manufacture of Transformers and Inductors using Surface Mount, Through Hole and Chassis Mount Technology



If there is any doubt as to the authenticity of this certificate, please do not hesitate to contact the Head Office of the Group on info@urs-certification.com. IS is a member of United Registrar of Systems (Holdings) Ltd, Derby Manor, Derby Road, Bournemouth, BH1 3QB. UK. Company Registration no. 5298466



"Precisely the best coils and transformers"



### **RoHS and REACH Compliance Statement**

January 2016

Due to environmental concerns, the need for hazardous substance restrictions in electronic components and systems, are receiving increasing attention within our industry. As of July 1<sup>st</sup>, 2006 Renco Electronics Inc. has converted all products to lead-free manufacturing, unless otherwise specified per the exemption listed below, and is 100% compliant with the RoHS Directive (2011/65/EU). In order to achieve RoHS compliance, the products may not contain more than the acceptable levels of the listed restricted substances within the RoHS 2011/65/EU directive.

- Tin-Lead solder has been replaced with Tin-Copper solder. Renco Engineering has incorporated this alternative to best suite our customers applications.
- Products will be compatible with lead-free reflow processes, as well as continuing to remain compatible with actual processes.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishes a European Chemicals Agency to regulate chemicals and their safe use. An original list of 16 candidate SVHC (Substances of Very High Concern) was published and is continually updated with more candidate SVHC. Renco Electronics Inc. customers will be informed when any candidate SVHC is present in products above a threshold limit of 0.1% (1,000 ppm). At the present time, Renco Electronics Inc. products do not contain any of the 163 candidate SVHC above 0.1%.

<u>Exemptions:</u> Renco Electronics is committed to working with our customers. Renco shall continue to support products with tin-lead applications for customers with specific needs. Such needs must be specified on the purchase order, in order to ensure the requirements are met.

Confirmation of the above and other statements made in Renco Electronics compliance-related documentation, including but not limited to any material composition data, MSDS, laboratory and testing reports, are to the best of our knowledge valid and accurate as at the date of the corresponding CoC. Renco makes no representation to the completeness and accuracy of information provided herein to the extent such information is provided by Renco.

h. C. Nestatt

Marla C. Westcott Quality Assurance Renco Electronics, Inc.

This letter is not intended to create legal obligations between Renco Electronics and the recipient of this letter. Legal Disclaimer:

Legal Disclaimer: Renco Electronics, Inc. (Renco) may make changes, improvements and/or modifications to the information provided at any time without notice. IN NO EVENT shall Renco, its employees, its officers, its suppliers or other third parties be liable for any damage, including without limitation special, indirect, or consequential damages (including, without limitation, damages for loss of profits, business interruption, or loss of information), arising out of the use, inability to use, or the results of use of information provided herein.



595 International Place Rockledge, Florida 32955 Tel: (321) 637-1000 - Fax: (321) 637-1600 www.rencousa.com

Quality Integrity Honesty



"Precisely the best coils and transformers"



# **Conflict Minerals Policy**

There has been increased awareness of violence and human rights violations in the mining of certain minerals from a location described as the "Conflict Region", which is situated in the eastern portion of the Democratic Republic of the Congo (DRC) and surrounding countries. Companies around the globe have been requested to practice reasonable due diligence with their supply chain to assure that specified metals are not being sourced from mines in the Conflict Region, which is controlled by non-government military groups, or unlawful military factions.

Renco Electronics, Inc. supports this initiative and has either obtained, or is in the process of obtaining, information from our current metal suppliers concerning the origin of the metals that are used in the manufacture of Renco Electronics, Inc. products. Based upon information provided by our suppliers, Renco Electronics, Inc. does not knowingly use metals derived from the Conflict Region in our products.

Suppliers of metals used in the manufacture of Renco Electronics, Inc. products (specifically gold, tin, tantalum, and tungsten) must demonstrate that they understand the conflict minerals laws and will not knowingly procure specified metals that originate from the Conflict Region.

Suppliers have been notified of the following Renco Electronics, Inc. requirements:

• Supplier represents and warrants that it is in full compliance with conflict minerals laws, including, without limitation, Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 as it may be amended from time to time and any regulations, rules, decisions or orders relating thereto adopted by the Securities and Exchange Commission or successor governmental agency responsible for adopting regulations relating thereto (collectively, ("Dodd-Frank Section 1502").

• Supplier must cooperate with Renco Electronics, Inc. to make available to Renco Electronics, Inc. and/or its agents, full material declarations that identify the sources of and amount of all substances contained in the Products. Unless Renco Electronics, Inc. specifically agrees in writing that a particular Product may contain a particular material.

• Supplier must cooperate with Renco Electronics, Inc. to make available to Renco Electronics, Inc. and/or its agents, each Product's compliance to all applicable hazardous material



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legislation and identify any substances that are banned or must be declared under applicable laws. In addition, Supplier will make available any documentation that supports the declaration. Without limiting the generality of the foregoing, Supplier agrees to disclose to Renco Electronics, Inc., upon Renco Electronics, Inc. request, to the extent known or discoverable by Supplier following inquiry, the original source of all minerals contained in the Product.

• If Supplier does not know the original source of the minerals, Supplier agrees to cooperate with Renco Electronics, Inc., including disclosing from whom Supplier purchased the minerals and urging others to disclose such information, so that the original source of minerals can be accurately determined and reported. Supplier shall comply with all laws regarding the sourcing of minerals, including, without limitation, laws prohibiting the sourcing of minerals from mines controlled by combatants and Dodd-Frank Section 1502.

• Without any further consideration, Supplier shall provide such further cooperation as Renco Electronics, Inc. may reasonably require in order to meet any obligations it may have under conflict minerals laws, including, without limitation, under Dodd-Frank Section 1502.

Renco Electronics, Inc. is committed to ensuring the safety, health and protection of people and the environment worldwide. We promote these principles in our global business practices and our code of conduct.



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Quality Integrity Honesty

MILITARILY CRITICAL TECHNICAL DATA AGREEMENT (Please read Agency Disclosure Notice and Instructions on back before completing this form.)					OMB No. 0704-0207 OMB approval expires January 31, 2016				
MAIL THE ORIGINAL, COMPLETED FORM AND A COPY OF YOUR COMPANY'S INCORPORATION CERTIFICATE, STATE/ PROVINCIAL BUSINESS LICENSE, SALES TAX IDENTIFICATION FORM OR OTHER DOCUMENTATION WHICH VERIFIES THE LEGITIMACY OF THE COMPANY TO:									
U.S./CANADA JOINT CERTIFICATION OFFICE DLA LOGISTICS INFORMATION SERVICE FEDERAL CENTER, 74 WASHINGTON AVE., NORTH BATTLE CREEK, MI USA 49037-3084									
1. TYPE OF SUBMISSION (X one)	X a. INITIAL SUBMISSION		b. REVISION	Contraction of the second s	5-YEAR REI				
2. ENTERPRISE OR INDIVIDUAL DATA (Referred to as a "certified contractor" upon acceptance of certification by the U.S./Canada - JCO)									
a. NAME (Name of Enterprise or Individual)	b. ADDRESS (Physical address, including P.O. Box if applicable) 595 International Place,								
Renco Electronics, Inc.		kledge, Florida 32955							
c. NAME OF SUBSIDIARY/DIVISION/DEPART	IMENI								
d. CAGE CODE (Mandatory for Enterprise)	14778	1							
3. DATA CUSTODIAN	14/70								
a. NAME (See Instructions)		b. TI	ELEPHONE NUMBER (Primary Co	mpany Nu	mber preferi	red - include area code)			
Marla C. Westcott			(321	)637-100	00				
C. TITLE		d. E-	MAIL ADDRESS						
Quality Assurance Manager		mv	westcott@rencousa.com						
4. DESCRIPTION OF RELEVANT BUSI		20	0.#K						
Design and manufacture of chokes; induc	ctors; surface mounts; toroids and	d tran	sformers.						
						TO THAT			
5. AS A CONDITION OF RECEIVING MI	LITARILY CRITICAL TECHNICA		TA, THE ENTERPRISE OR IN	UIVIDUA	LCERTIF	IES THAT:			
<ul> <li>a. CITIZENSHIP/RESIDENCY STATUS. The individual designated by name in Item 3</li> </ul>	, who will act as custodian of the	d. 1	They will not provide access to milit	arily critical	technical da	ata to persons other			
militarily critical technical data on behalf of the co			than their employees or eligible persons designated by the registrant to act on their behalf unless such access is permitted by U.S. DoDD 5230.25, Canada's TDCR, or						
admitted lawfully for permanent residence into: (X (1) or (2))			he U.S. or Canadian Government a						
X (1) THE UNITED STATES	(2) CANADA	1							
b. The data are needed to bid or perform on a c	a a tri		No person employed by the enterpr						
Government or the Canadian Government or for in which the contractor is engaged, or plans to en	other legitimate business activities	registrant to act on their behalf, who will have access to militarily critical technical data, is disbarred, suspended, or otherwise ineligible to perform on U.S. or Canadian Government contracts or has violated U.S. or contravened Canadian							
c. They (1) acknowledge all responsibilities unde	er applicable U.S. export control		ort control laws or has had a certific DD 5230.25 or Canada's TDCR.	ation revok	ed under th	e provisions of U.S.			
laws and regulations (including the obligation, un an export license from the U.S. Government price									
technical data within the United States) or applic		f. TI	hey are not themself debarred, sus	pended, or	otherwise in	eligible to perform on			
and regulations, and (2) agree not to disseminate manner that would violate applicable U.S. or Car			or Canadian Government contract						
regulations.	radian export control laws and		adian export control laws, and have risions of U.S. DoDD 5230.25 or Ca			revoked under the			
<ol> <li>CONTRACTOR CERTIFICATION         I certify that the information and certific     </li> </ol>	ations made by me are true, and	nlata	and accurate to the best of m	vknowlod	lap and he	lief and are made			
in good faith. I understand that a knowing	and willful false statement on thi	is forn	n can be punished by fine or in	prisonme	ent or both.	iei anu are maue			
(For U.S. contractors see U.S. Code, Title		lian co		- Anti-	ct.)	a hard an and a second			
a. TYPED NAME (LAST, First, Middle Initial)	b. TITLE		c. SIGNATURE (See Instruction	s)		d. DATE SIGNED			
Edward W. Rensing	President		20			02/19/2016			
7 OFRIEIGATION ACTION (Fee 100 H	Cath)				$\rightarrow$				
7. CERTIFICATION ACTION (For JCO US	b N	IMBER		ATION DAT	F				
a. CERTIFICATION ACCEPTED. This certification number, along with a statement of intended data use, must be included with each request for		b. NUMBER C. EXPIRATION DATE			-				
militarily critical technical data.			0075052 5/15/2021						
			9. CANADIAN OFFICIAL						
4			a. TYPED NAME (LAST, First, Middle Initial)						
Bredehoft, George, A.		Boucher, Robert	110						
TITLE U.S Representative For U.S.     Canada Joint Certification Office     Canada Joint Certification Office									
Canada Joint Certification Of c. SIGNATURE			Canada Joint Certificat						
	d. DATE SIGNED	c. S	A		d. D	ATE SIGNED			
Marge Saley 2/29/2016			2/29/2016			/29/2016			
DD FORM 2345, JAN 2013	PREVIOUS EDIT	TION	IS OBSOLETE.			Adobe Designer 9.0			