



QUALITY SYSTEMS
REGISTRARS, INC.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

MacLean Power Systems - York

Client Number: 2002-018E
7801 Park Place Road
York, SC 29745-0949

Has been assessed and certified as meeting the requirements of:

ISO 14001:2015

This certificate of registration remains valid subject to satisfactory surveillance audits for the following activities:

Manufacturing for Power Distribution.

Manufacturing Processes: Silicone molding, Silicone extrusion, Crimping, Assembly, Parts Washing, Abrading, Engraving, Tensile Testing, Electrical Testing. Parts: Modular Insulators (Suspension & Post), Molded Insulators, Arresters, Cutouts

Standard
ISO 14001:2015

Certificate Number
QSR-EMS-117

Certified Since
4/23/2021

Date Issued
4/26/2021

Certification Date
4/23/2021

Valid Until
4/22/2024



QUALITY SYSTEMS
REGISTRARS, INC.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

MacLean Power Systems

Client Number: 2011-025
3098 Pelham Parkway
Pelham, AL 35124

Has been assessed and certified as meeting the requirements of:

ISO 9001:2015

This certificate of registration remains valid subject to satisfactory surveillance audits for the following activities:

MacLean Power Systems designs and manufactures distribution and transmission hardware, stringing equipment, and fiberglass insulators for the utility, communications and OEM markets. The Quality Management System described in this manual meets the requirements of the ISO 9001:2015 International Standard. The scope of the quality management system includes the quality related activities at the following locations:

- **Design and manufacture of distribution and transmission hardware, stringing equipment and related products at 3098 Pelham Parkway, Pelham, AL 35124.**
- **Design and manufacture of distribution and transmission hardware, fiberglass insulators and related products at 1909 Highway 87, Alabaster, AL 35007.**

Standard
ISO 9001:2015

Certificate Number
QSR-969

Certified Since
5/22/2012

Date Issued
5/22/2021

Certification Date
5/22/2021

Valid Until
5/21/2024


CAROL L. TILLMAN
VICE PRESIDENT





PERRY JOHNSON REGISTRARS, INC.

Certificate of Registration

Perry Johnson Registrars, Inc., has audited the Quality Management System of:

MacLean Power Systems
1465 Industrial Drive, Trenton, TN 38382 United States

*(Hereinafter called the Organization) and hereby declares that
Organization is in conformance with:*

ISO 9001:2015

This Registration is in respect to the following scope:

**Design and Manufacture of Transmission, Distribution, Substation Products, Earth Anchor
Systems, Installation Equipment, Anchor Systems for both the Utility and Civil Construction
Markets, and Steel Fabrication Products for the Utility and Communication Markets**

*This Registration is granted subject to the system rules governing the Registration referred to above, and the
Organization hereby covenants with the Assessment body duty to observe and comply with the said rules.*

Terry Boboige, President

Perry Johnson Registrars, Inc. (PJR)
755 West Big Beaver Road, Suite 1340
Troy, Michigan 48084
(248) 358-3388



The use of the UKAS accreditation symbol is in respect to the activities covered by the Accreditation Certificate Number 0105.

The validity of this certificate is dependent upon ongoing surveillance.

Effective Date:
September 15, 2018

Revision Date:
July 20, 2018

Expiration Date:
October 18, 2021

Certificate No.:
C2018-01148-R1



CERTIFICATE OF REGISTRATION

MacLean Senior Industries

610 Pond Drive
Wood Dale, IL 60191
USA

Has implemented and maintains a Quality Management System
that meets the requirements of ISO 9001: 2015

The scope of registration includes:

Designer, manufacturer and supplier of standard and custom electro mechanical components to the telecommunications and other industries with emphasis on switches, jacks, connectors, magnetic products, (transformers, chokes, coils), plugs, cable assemblies; and outside plant hardware products to the telephone, CATV and utility industries.

Through an accredited audit process, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

AF/EA Code	19.1
Original Certification Date	2012 - 06 - 25
Certificate registration no.	2021 - 595
Date of Certification	2021 - 08 - 20
Valid Until	2024 - 08 - 19

Thomas Richardson
President

A handwritten signature in black ink that reads 'Tom Richardson'.



CERTIFICATE

Certificate No.: **23543-1-10**

Initial certification date: **April 12, 1996**
Issuance date : **June 13, 2018**
Expiry date: **June 20, 2021**

The Bureau de normalisation du Québec (BNQ) certifies that the quality management system implemented by:

MACLEAN POWER SYSTEMS

covering the following activities:

Development, manufacturing, and distribution of products related to the construction and maintenance of power and communication utilities. Development and sales of grounding assembly cells

carried out at this address:

225, boul. Ford, Châteauguay (Québec) J6J 4Z2

has been assessed and found to comply with the requirements of:

ISO 9001:2015

This certificate is issued in accordance with BNQ procedures. Its validity may be verified at the address www.bnq.qc.ca/fr/clients-certifies.html



Handwritten signature of Isabelle Landry in black ink.

Isabelle Landry, Director of Operations
Bureau de normalisation du Québec

Handwritten signature of Jocelyn Brousseau in black ink.

Jocelyn Brousseau, Program Leader
Bureau de normalisation du Québec

The BNQ program related to this management system certification is accredited by the Standards Council of Canada.
This certificate remains the property of the BNQ and could be withdrawn from the company in accordance with BNQ procedures.



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THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

FCAV as an IQNet partner hereby states that the organization:

MACLEAN POWER SYSTEMS DO BRASIL LTDA.
Rua Doutor Antonio Carlos Salvato, 141 - Mogi Mirim - SP - Brasil

for the following scope:

Development, manufacturing and trading of pre-formed, for overhead lines.

has implemented and maintains a

Quality Management System

which fulfills the requirements of the following standard:

ISO 9001: 2015

Issued on: 2018-03-02

for the validity date, please refer to the original certificate issued by FCAV*

Registration Number: BR-SQ-19420



Fundação Vanzolini

Michael Drechsel
President of IQNet

José Joaquim do Amaral Ferreira
Certification Director - FCAV

SQ-M03085

IQNet Partners:**

AENOR Spain AFNOR Certification France AIB-Vinçotte International Belgium APCER Portugal CCC Cyprus
CISQ Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia IMNC Mexico Inspecta Certification Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland
Quality Austria Austria RR Russia SIGE México SII Israel SIQ Slovenia SIRIM QAS International Malaysia
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

* This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

** The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



FUNDAÇÃO VANZOLINI

QUALITY MANAGEMENT SYSTEM CERTIFICATE

FUNDAÇÃO CARLOS ALBERTO VANZOLINI

hereby certifies that the organization

MACLEAN POWER SYSTEMS DO BRASIL LTDA.

Rua Doutor Antonio Carlos Salvato, 141 - Mogi Mirim - SP - Brasil

for the following scope:

Development, manufacturing and trading of pre-formed, for overhead lines.

has implemented and maintains a

Quality Management System

An audit performed by Fundação Vanzolini has verified that this Management System fulfills the requirements of the following standard:

NBR ISO 9001: 2015

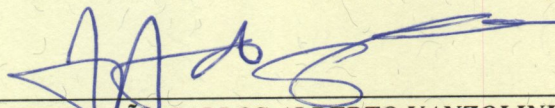
Quality Management Systems - Requirements

This certificate is valid until: March 05th 2021

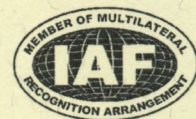
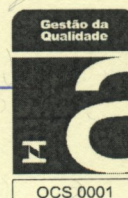
Certification Registration # : **SQ-19420**

São Paulo, March 02nd 2018




FUNDAÇÃO CARLOS ALBERTO VANZOLINI

Rua Camburiú, 255
Alto da Lapa - São Paulo - SP - Brasil



SQ-M03085



MACLEAN-DULHUNTY POWER (THAILAND) LTD.

105/1-2 MOO 1, SRISA CHORAKHE YAI, BANG SAO THONG DISTRICT,
SAMUTPRAKARN 10570 THAILAND

Bureau Veritas Certification Holding SAS - UK Branch certify that
the Management System of the above organisation has been audited and found to be in
accordance with the requirements of the management system standards detailed below

Standards

ISO 9001:2015

Scope of certification

DESIGN AND MANUFACTURING OF HARDWARE & FITTINGS FOR TRANSMISSION LINES AND HELIXON FOR CONDUCTORS

Original cycle start date: **12 October 2007**
Expiry date of previous cycle: **NA**
Recertification Audit date: **NA**
Recertification cycle start date: **8 October 2019**

Subject to the continued satisfactory operation of the organisation's Management System,
this certificate expires on: **8 October 2022**

Certificate no. **TH014610**

Version **01**, Revision date : **08/10/2019**



Certification body address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom
Local office: Bureau Veritas Certification (Thailand) Ltd. 16th Floor, Bangkok Tower, 2170 New Petchburi Road,
Bangkapi, Huaykwang, Bangkok 10310, Thailand

Further clarifications regarding the scope of this certificate and the applicability of the management system
requirements may be obtained by consulting the organisation.
To check this certificate validity please call: +662 670 4800



This is to certify that the Quality Management System of

Maclean-Dulhunty Power Yangzhou Co., Ltd.

Unified Social Credit Code : 91321000064521542U

Operation Address : No.3, Jiangjia Road, Zhanggang Industrial Park, Jiangdu District, Yangzhou City, Jiangsu Province, China(Production Address); No.11, Jiangjia Road, Zhanggang Industrial Park, Jiangdu District, Yangzhou City, Jiangsu Province, China(Office Address)

Registered Address : No.11, Jiangjia Road, Zhanggang Industrial Park, Jiangdu District, Yangzhou City, Jiangsu Province, China

applicable to

Design, production and sales of vibration proof hammer and power transmission and transformation line fittings(products involving license requirements, within the scope of the license)

has been assessed and registered by NQA against the provisions of

ISO 9001:2015

This registration is subject to the company maintaining a quality management system, to the above standard, which will be monitored by NQA.

Certified Clients shall accept regular surveillance assessments, the validity of certificates shall be maintained for the positive result of audit.

The information of this certificate can be checked on CNCA's website (www.cnca.gov.cn)

SNQA's website : www.snqa.com.cn

Managing Director



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Certificate Number

44101

Date:

24 November 2017

Previous Certificate Expiry:

14 September 2018

Reissue Date:

26 September 2018

Valid Until:

14 September 2021

EAC Code:

17

