



*Rue Principale - 62140 VACQUERIETTE-ERQUIERES*  
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*GPS Coordinates: N50.31914 - E2.08222*



## *SARL LEQUIEN presentation*

*The company is positioned on the market of **products of CNC machined, mechanical or precision welded assemblies***

### **General view**

Company founded in 1985  
26 employees in 2011

#### **Our know-how :**

- CNC machining
- Mechanised welding (class B and 1)
- Boiler making
- Assembly

### **Business segments**

- Rail industry
- Army
- Nuclear
- Petrol and gaz industry
- Agriculture and food industry
- Specific machines
- Sanitation
- Medical

### **Our fields of practice**

- **Turning 5 axes with robot** for loading
- **Horizontal and vertical machining centers**
- **Mechanised welding**
- Welting robotic
- Boiler making
- Assembly
- Metrology



## Machinery

### Turning

**Multi-tasking machine**  
5 axes : MAZAK integrex  
200 IV

- High powered turning center
- 5-axis machine tools
- Loading system

**CNC Turning machine**  
MAZAK QT 15  
Ø 150 - Length 360 mm

### Assembly

**PRESS 300 Ton**  
Stroke length: 400 mm

**Screwdriver controlled**

- Torque 500 Nm
- Precision 5%

### Milling

**Horizontal machining centers MAZAK FH 5800**

- UGV 2 pallets - 120 tools
  - UGV 500\*500 - 6 pallets
- Spindle Speed 12 000 min-1  
120 tools

**Vertical machining center**  
MAZAK AJV

- 1000\*500 - 2 pallets

**ZOLLER VENTURION 500**

- CNC controlled Tool Pre-setter Measure

### Welding

**Welding robot CLOOS - 2 working places**

**Welding TIG MIG - ARC**  
Steel, Stainless, Aluminium

### Metal Sheet Cutting

**CNC plasma cutting SAF**

- Table 2000\*6000
- Flame cutting

### Sheet Metal Working

**Folding Machine**

**Rolling Machine**

## Control tools adapted

- **3D Coordinate measuring machine DEA**

Table 700\*1000\*660

- **2D measuring column**

- **Profile projector**

Ø500 equipped with calculator  
Optical edge detection system  
Software to transfer data

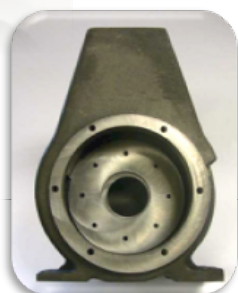
- **Roughness tester**

- **Paint thickness gauge**



# Our Products

*Machining pieces*



*welded pieces*



## Informatics

- Server with triple disk

Backup DAT

- **MISSLER GPS**

Production management system  
(CPAM : Computer Aided Production  
management)

- Autocad light

- **CAM : TOP SOLID CAM 3D**

- **CAD: TOP SOLID MISSLER 3D**

- **Interface CATIA V5**

- **PROFIRST** to cut metal sheet

- **Cameware MAZAK**

# Our quality certifications

## Certification ISO 9001 : 2008



**SARL LEQUIEN**  
550 RUE PRINCIPALE  
62140 VACQUERIETTE ERQUIERES - FRANCE

Bureau Veritas Certification certify that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standard detailed below

Standard

**ISO 9001 : 2008**

Scope of certification

**MANUFACTURING FOR THE PRODUCTS OF CNC MACHINED, MECHANICAL OR PRECISION WELDED ASSEMBLIES FOR THE RAILWAY ACTIVITIES.**

Certification cycle start date: **20 March 2014**  
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **19 March 2017**

Original certification date: **20 March 2014**

Certificate No.: **FR014817-1** Date: **21 March 2014**  
Contract No.: **6103413**

**Jacques Matillon - Managing Director**  
Local office: Bureau Veritas Certification France  
60, avenue du Général de Gaulle - 92046 Paris La Defense

Further clarifications regarding the scope of this certificate: the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity, please call + 33(0) 1 41 97 00 60.



## Certification IRIS - Rev 2



**IRIS**  
Certification  
C E R T I F I C A T E

awarded to  
**LEQUIEN SARL**  
550 rue principale  
62140 VACQUERIETTE ERQUIERES  
France

BUREAU VERITAS CERTIFICATION confirms, as an IRIS approved certification body, that the Management System of the above organization has been assessed and found to be in accordance with the

**International Railway Industry Standard (IRIS)  
Revision 02, May 2009**

for the activity of Manufacturing  
for the scopes of certification 2 (Carbody fittings), 3 (Guidance), 6 (Auxiliary systems), 8 (Interiors), 20 (Single railway components)  
FOR THE PRODUCTS OF CNC MACHINED, MECHANICAL OR PRECISION WELDED ASSEMBLIES.

Certificate valid from: 18/02/2014 Certificate valid until: 17/02/2017

Current date: 14/02/2014  
Certificate-Register-No.: FRA-IR - 000 417

\* Providing that the subsequent surveillance audits are successful before the anniversary of this validity date.  
This document has been produced by the Audit Tool V. 4.1.0.01  
Issued to Bureau Veritas Certification, on 14/02/2014  
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# Our welding certifications

## ISO - 3834 - 2 Class 1



**INTERNATIONAL INSTITUTE OF WELDING**

Having satisfied the requirements of the IIW Manufacturer Certification Scheme according to ISO 3834

Company: **LEQUIEN**  
The Unit: Workshop  
Located in: 62140 VACQUERIETTE-ERQUIERES  
is certified in accordance with

**ISO 3834 Part 2**

For the product(s): Fabrication d'assemblages mécano-soudés pour l'industrie ferroviaire et agricole, équerres pour tuyauteries, portiques de levage, welded assemblies for railway and agricultural, squares for piping, gantry for lifting.

with the scope of work stated in the attached Schedule  
Certificate number and revision status: FR 0010 - Rev. 04  
First Issue date: 18/12/2010  
Current Issue date: 06/12/2013  
Date of expiry: 17/12/2016

ANBCC Governing Board Representative: **LEVA Philippe**  
Scheme Manager: **ROUSSEAU Michel**

ASSOCIATION FRANÇAISE DU SOUDAGE/France

This Certificate is subject to the rules established by IIW for the certification of Companies





## NF EN - 15085 - 2 - class 1



**CERTIFICAT**  
Soudage des véhicules et composants ferroviaires  
Welding of railway vehicles and components  
EN 15085-2

N° FR-5673-CL1-1  
N° sur registre ferroviaire européen IS/15085/CL1/10/1A3/10 (www.en15085.net)  
Registration number on european railway register

Institut de Soudure Certification certifie que le système de production mis en place par : certifies that the production process developed by:

**LEQUIEN SARL LEQUIEN**  
Adresse: **550 rue Principale  
FR-62140 VACQUERIETTE-ERQUIERES**

à été évalué et jugé conforme aux exigences requises par le niveau de certification  
has been assessed and found compliant with the requirements of the level of certification

**CL1** selon according to **EN 15085-2 : 2007**  
selvant le périmètre précisé dans l'annexe technique, according to the scope specified in the Technical Annex.

Validité à partir du 13.12.2013 jusqu'au 12.12.2016  
Valid from until

Établi le 17.02.2014  
Established on

Directeur Général de l'Institut de Soudure  
Chief Executive Officer of Institut de Soudure  
**Abdelhak CHEHAIBOU**

**IS INSTITUT DE SOUDURE**  
Siège social : 21 Rue de la République - BP 51 262 Willepohl  
20091 Torcy CE, De Gaulle Station - 455 90000R & 414 238 194  
Tel: 01 49 90 36 00 Fax: 01 49 90 36 10 - www.lesirsoude.com

## ASAP



Accreditation under the European Directive of Pressure Equipment (DESP 97/23 CE)

# Customer approval : Bombardier Europe



## Our Welding accreditations

### QMOS for materials

- S355K2
- P355NL1
- P460NL1
- 25CD4
- S500MC
- A333/6
- ASTM46
- Z2CN18.10
- E590K2
- S690QL
- E470

### Charge for materials

- INOX 304
- INOX 316
- INOX 410
- STELLITE grade 6

### Remelting TIG

- S355K2
- S690 QL
- E590K2