

# 40-30



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Site :  
www.40-30.com

Total employees : 180

2009 Turnover : 16 M€

Certifications :

- ISO 9001
- ISO 14001
- COFRAC

**Our customers :**

CEA Cadarache, Grenoble,  
Pierrelatte, Valduc, Bruyère  
le Châtel, Mons, Saclay, ...  
Ganil, SDMS, Inficon,  
Adixen, CESTA, EDF,  
Cogema, FBFC, ESRF, ILL,  
CERN, ONERA, AREVA,  
Institut P. Scherrer...

## ACTIVITIES

**Maintenance engineering** : audits and consulting, cost-cutting schemes, QSE coordination and support, procedures conception and drafting, tools, test-bench design and development, diagnostics, analysis and re-engineering

**Monitoring tools and computer applications** : **40-30 AMPS**, Advanced Management Procedures System.

**40-30 ISM**, Industrial Service Management.

**40-30 RC**, Repair Center

**Skills transfer and training** : MFC, Helium leak detector, Radio Frequency (RF), vacuum, electrical accreditation, low pressure metrology, Cofrend accreditation, helium technique, mass spectrometry, ultracleanliness...

Training provided by qualified instructors certified to Cofrend 3

**Sourcing** : spare parts supply through qualification program, purchasing and selling through **40-30 Repair Center Store (RCS)**, Internet solution for customer stock promotion and sub-contractor selection

## Maintenance and repair

### Vacuum technology

Servicing and repair of vane pumps, dry vacuum pumps, roots pumps, turbo molecular pumps, valves, maintenance on equipment and on production sites

### Non-destructive inspection and tests

Pressure and temperature calibration, gas leak and gas flow measurement

- Low pressure COFRAC accredited calibrations up to 10<sup>-8</sup> mbar
- Helium tightness testing, operations by CEFRI and COFREND certified staff
- Mechanical and dimensional testing
- Residual gas analysis by mass spectrometry
- Temperature Testing using infrared camera and endoscopy
- Surface and weld testing

### Ultraclean activities

- Cleaning and refurbishing of systems used in ultraclean environments
- Various methods: chemical, thermal, mechanical (CO<sub>2</sub>, Dry, Wet blasting), ultrasound

### Radiofrequency, electronics, calibration

- Repair of analogical and digital sub-assemblies
- Radiofrequency generators and high voltage and power supplies
- Refrigerating equipment used for temperature regulation in processing machines

