

PRESENTATION OF THE INSTITUT DE SOUDURE GROUPE

03 | 12 | 2024

RESEARCH | TRAINING | INSPECTION | CERTIFICATION
EXPERTISE | TESTING

isgroupe.com



PROVIDING SOLUTIONS
SINCE 1905

Summary

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- Our history
- Our primary commitment
- Our CSR approach
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- IS representative abroad
- Our Expert community

02 OUR ACTIVITIES

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- Expertise
- Training and certification of personnel
- Education
- Inspection
- Testing
- Products Certification
- Industrial Members of the association



01

Our Group

01 Our Group

Group profile



Founded in 1905



**€115M
in revenue**



**1,200
employees**



**100 experts
on 3 R&D sites**



6 activities in synergy

RESEARCH EXPERTISE | TRAINING | INSPECTION TESTING | CERTIFICATION



**37 locations
including 30 in mainland France**



**4,500 client companies
in 55 countries**



**12,000 trainees
educated per year**



**82% employability
for trained job seekers**



3 brands: **MICRONIKS EUROPE**

Composite Integrity
by INSTITUT DE SOUDURE GROUPE

CORROSIASIA
INSPECTING TOMORROW

Our core mission

Providing solutions
to make the industry
safer and sustainable

Our values

Requirement
Commitment
Together

Our priorities

- To be a **successful solution provider** by offering our clients
 - Technological products,
 - Competitive services.
- To be a **pioneer**
 - Research centre,
 - Experts.
- To be a **benchmark training entity**
 - Educational models,
 - Reshaping of the vocational training sector.

Our history

Creation of the OCA
- Central acetylene office

1905

First practical
welding class

1909



Creation of
ESSA

1930



First major
inspection
project abroad

1959



Headquarters
established in
Villepinte
(93 - France)

1992



Inauguration of
the R&D site of
Yutz-Thionville
(57 - France)

2003



Opening of a
high-tech
corrosion
laboratory in
Bangkok

2009



Integration of
PPE's activities

2016



Taking over of
the NDT and
Metrology
activities of Orys,
a subsidiary of
ORTEC Group

2018



The Group strengthens its position
in the inspection and technical
assistance markets

2023

January 1, 2023, acquisition of



Our primary commitment

- The **Safety** of our employees, our number-one priority
 - Our goal: 'zero accident'
 - We prioritise health and safety, as well as the physical and psychological well-being
- A continuous improvement in **Quality**
 - Quality certifications: ISO 9001 ; ISO 19443 ; EN 9100 ; NADCAP NDT ; Part 145 ; QUALIOPI
 - HSE certifications: ISO 45001 ; MASE ; QUALIANOR Radioprotection
 - COFRAC accreditations*: Testing ISO/IEC 17025, Inspection ISO/IEC 17020
 - Customer quality approvals

* List of locations and scopes available on www.cofrac.fr

Exhaustive list of certifications, accreditations, approvals on www.isgroupe.com

Our CSR approach: 12 priority issues

- Be a **committed player for our employees**
 - Guarantee safety and health
 - Attract talent and act for diversity and the social mix
 - Develop skills
 - Strengthen the quality of life at work
 - Be ethical and responsible
- Be a **committed player for society**
 - Promote careers and expertise
 - Root our activities in local regions
 - Promote professional integration
 - Innovate and pass on
- Be a **committed player for the planet**
 - Optimise our energy consumption
 - Make activities carbon-free
 - Preserve natural resources



Commitment that is part of our DNA, virtuous careers for society and the planet

01 Our Group

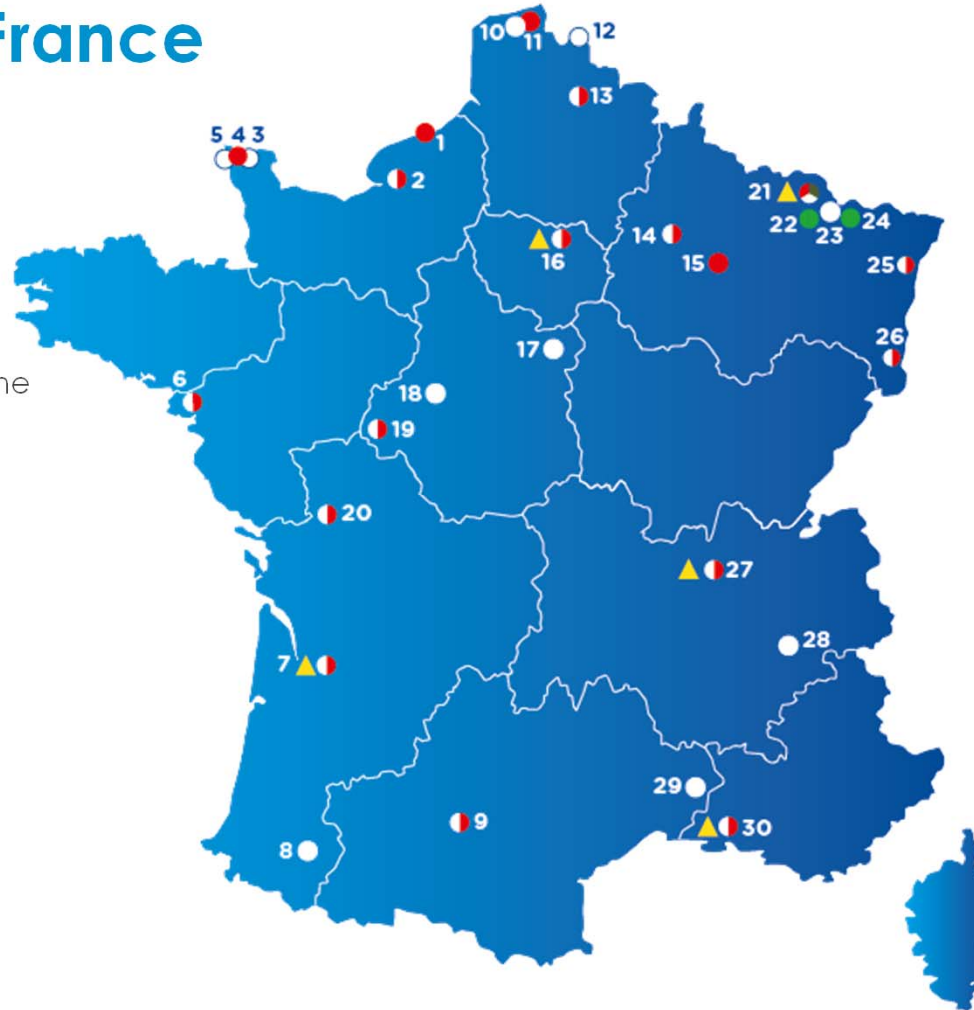
Everywhere in France

WEST

1. Dieppe
2. Le Havre – Gonfreville-l'Orcher
3. Cherbourg – Tourlaville
4. Cherbourg – Équeurdreville
5. La Hague
6. Saint-Nazaire – Montoir-de-Bretagne
7. Bordeaux – Latresne
8. Pau
9. Toulouse – Plaisance-du-Touch

CENTRE - NORTH

10. Dunkerque – Grande-Synthe
11. Dunkerque
12. Roubaix
13. Douai - Cuincy
14. Châlons-en-Champagne
15. Saint-Dizier
16. Villepinte
17. Montargis – Ouzouer-sur-Loire
18. Tours
19. Chinon – Avoine
20. Niort



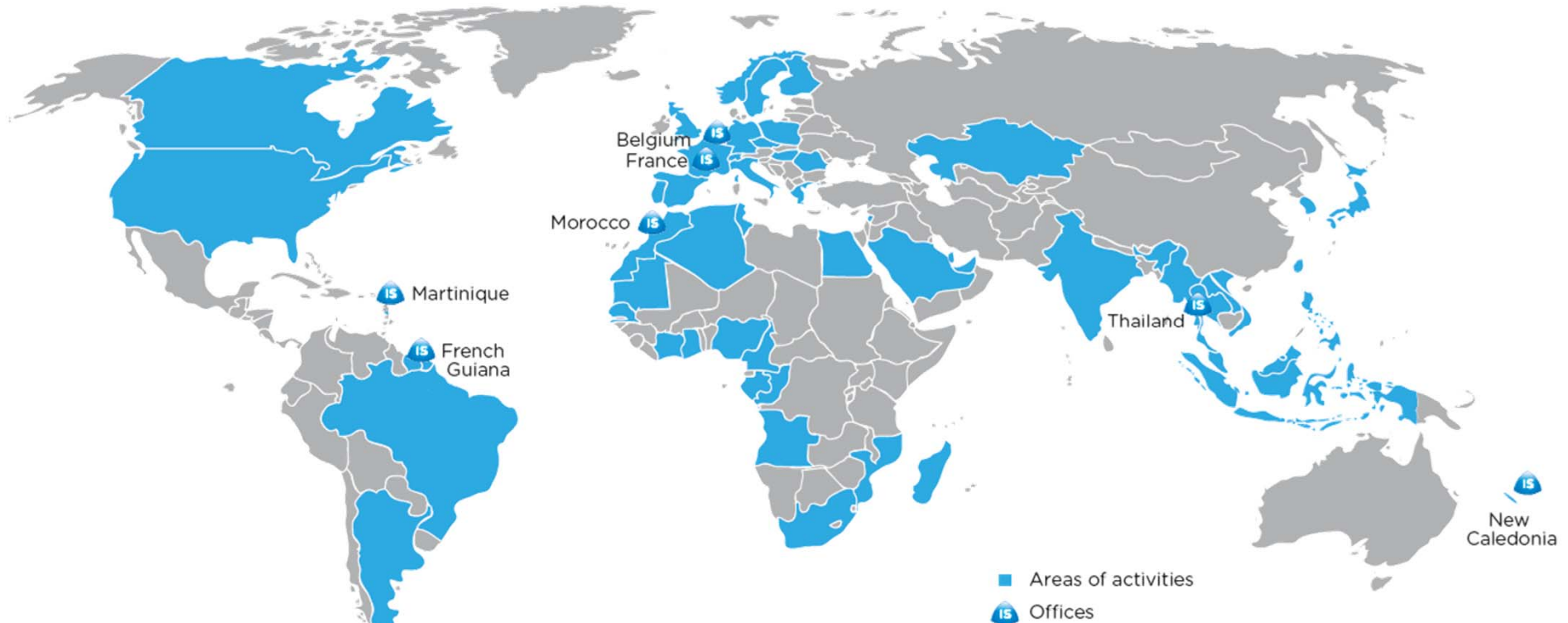
EAST

21. Thionville - Yutz
22. Goin
23. Porcelette
24. Saint-Avold
25. Strasbourg – Entzheim
26. Mulhouse – Wittenheim
27. Lyon – Corbas
28. Grenoble
29. Bagnols-sur-Cèze
30. Marseille - Port-de-Bouc

- Centre offering Inspection, Testing, Expertise
- Centre offering R&D
- Centre offering vocational training
- ▲ Cofrend CIFM approved examination centre

01 Our Group

IS representative abroad



OVERSEAS FRANCE

- o French Guiana
- o Martinique
- o New-Caledonia

EUROPE

- o Belgium

AFRICA

- o Morocco

ASIA - PACIFIC

- o Thailand (Bang Phli Head Office)
- o Thailand (Rayong Office)

01 Our Group

Our Expert Community

- Internationally recognized **technical correspondents** to the profession and to industry, who are able to deal with the **most complex problems**
- Know-how in **5 fields**:
 - Materials and assemblies,
 - Design and life cycle of equipment,
 - Testing and monitoring,
 - Inspection and regulations,
 - Training and education,
- Their role: **Innovate | Develop | Provide solutions | Communicate | Transmit**

02

Our activities

Research and development

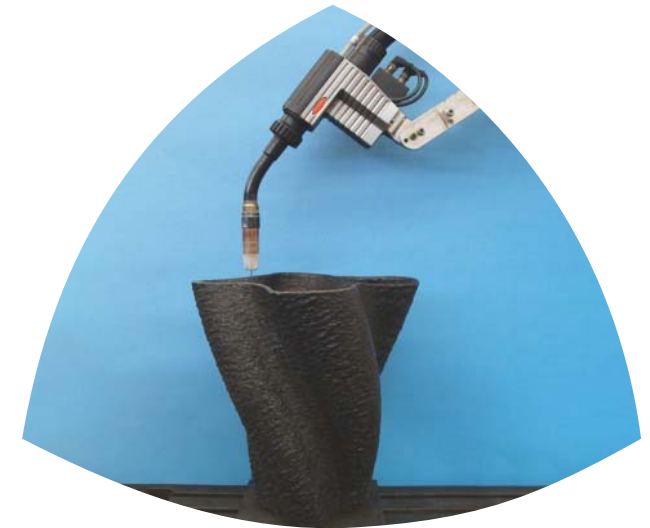
Contributing to the technological development of your business

- **Collective research programmes, industrial and associative studies**
 - Participation in the major French and international research projects in partnership with industrial firms and institutions.
- **In-house studies**
 - Studies to develop new high value-added technologies for the Group's own needs
- **Studies for the profession**
 - Welding studies for the profession performed at the request of the inter-professional welding commission (CIS)
- **Industrial studies and services**
 - Studies in response to a specific customer request.
- **Documentation and standardisation**

Research and development

We respond to six common challenges faced by major industrial sectors

1. **Safety** of people and facilities
2. **Competitiveness** in manufacturing and testing
3. **Reducing the weight** of structures
4. **In-service performance** of production tools
5. Optimization of the **lifespan** of industrial facilities
6. New **training** tools.



Research and development

Four technological platforms

We aim to assist and accompany our members and clients with a range of constantly developing services

- **Joining** Laboratory
 - Help with choosing and implementing the best assembly solutions to improve productivity and quality
- **Mechanical Testing and Corrosion** Laboratory
 - Design and implementation of high value-added mechanical and corrosion test
- **Non-Destructive Testing** Laboratory
 - Development of non-destructive testing solutions in line with complex industrial problems
- **Composites** Laboratory
 - R&D and engineering dedicated to composite materials with continuous fibers and their shaping

Expertise

Resolving complex problems and advising industrial companies

- **Expertise**, root causes damage analysis on all types of metallic or composite materials
- **Analysis of the harmfulness of defects**: fitness for-service studies, optimisation of the life-cycle of old equipment, rehabilitation
- **Advice** regarding welding
- Assistance with the **design** and **calculation** of welded structures
- **Replicas**: on-site examination and diagnosis

Extensive investigative resources

Ability to mobilise multi-disciplinary teams in France and abroad

Training and certification of personnel

Developing skills in welding and associated techniques

- Preparation for **international welding certificates**
- Preparation for non-destructive testing (NDT) **certification**
- Training and qualification of welders, boilermakers, pipe fitters, welding coordinators, controllers and inspectors
- Training in **NDT, composites and multi-materials assemblies**
- **Work study modules** in welding and in NDT
- **Distance** training, in our **centres or in mobile workshops**



We provide the most appropriate response to the needs of all: companies, employees, young people, job seekers, and private individuals.

Education

Training the welding technicians and engineers of tomorrow

- **ESSA-Higher school of welding and welding applications**
open to engineers and university graduates
 - Partnership with Arts et Métiers ParisTech Centre de Metz
- **EAPS-School of adaptation for the welding professions**
dedicated to professional baccalaureates (work-linked training) and senior technicians
 - Partnership with the University of Lorraine



Ten-month specialisation course

This training prepares students for French and international diplomas

Each graduate generally receives between 5 and 10 job offers

Inspection

Ensuring the compliance and safety of your facilities

- **Second and third-party** inspection: manufacturing follow-up, procurement verification, welding book verification...
- **Regulation** inspection: as a member of ASAP, assessment of the compliance of new pressure equipment, checking of in-service equipment, qualification of operating procedures for permanent assemblies and of the staff



To increase the number of major multi-annual contracts for all industrial markets: oil refining, nuclear, aeronautical, chemistry and transport

Testing

Testing and evaluating the quality of your equipment and products

- Development and implementation of **non-destructive testing** and **monitoring** methods suitable for metallic, composite or ceramic materials
- Expert in **destructive testing** for the mechanical, metallurgical and chemical characterization of materials and assemblies
- Innovative and tailor-made **engineering solutions**



To be present at every nuclear plant and refinery in France
To support our major clients in their international activities
To become a key player in the aeronautical sector

Products Certification

Adding value to your welding organization

- IS Certification, an **accredited body*** dedicated to perform **diagnostics** and **certification audits** in the field of welding and related techniques
 - **NF EN ISO 3834** : Quality requirements for fusion welding of metallic materials
 - **NF EN 15085** : Railway applications - Welding of railway vehicles and components
 - **NF EN 1090** : Execution of steel structures and aluminium structures

*Accreditation Cofrac (product and services certification) n°5-0551, available on www.cofrac.fr



More than 400 certificates
according to the
3 standards

02 Our activities

Industrial Members of the Association

The professional network which helps you get ahead



- Personalised **technical follow-up**
- Invitations to **technical events** organized throughout the year
- Exchanges with **300 companies** facing the same issues as yourself
- Access to **international technological**, normative and regulatory **monitoring**
- Bibliographic research
- A web **portal** dedicated to members

Receive constant up-to-date feedback concerning the joining and NDT technologies!
Save time by obtaining rapid answers to all welding problems!

PROVIDING SOLUTIONS TO MAKE THE INDUSTRY SAFER AND SUSTAINABLE



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EXPERTISE | TESTING

isgroupe.com



WHAT LINKS US
MAKES US STRONGER