

# Group profile

## The Group at a glance



Founded in **1905**



€117M in revenue



1,200 employees



100 experts on 3 R&D sites



38 locations including **31** in mainland **France**



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



12,000 trainees educated per year



82% employability for trained job seekers

## Our core mission

The Institut de Soudure is a dynamic, innovative group, providing solutions to make the industry safer and sustainable, in the field of welding, joining, related testing and training industries in France and across the world. The Group assists its portfolio of clients in boosting their operational efficiency by training their employees, maintaining their equipment, monitoring risks and optimizing their operations.

## References in all sectors

The Institut de Soudure provides solutions to clients in all sectors. We have been continuously adding to our traditional markets (oil and gas, energy, construction and infrastructure) for more than ten years, and are now also active in the nuclear, aeronautical, railway and electronic sectors.



## By your side, in France...



○ Centre offering Inspection, Testing, Expertise  
● Centre offering R&D  
● Centre offering vocational training  
▲ Cofrend CEFM approved examination centre

### WEST

1. Dieppe  
Tel: 02 35 53 36 16
2. Le Havre - Gonfreville  
Tel: 02 35 53 36 16
3. Cherbourg - Tourlaville  
Tel: 02 33 02 02 88
4. Cherbourg - Equeurdreville  
Tel: 02 33 41 20 38
5. La Hague  
Tel: 02 33 02 02 88
6. Saint-Nazaire - Montoir  
Tel: 02 40 19 34 65 (Training)  
Tel: 02 40 91 05 55 (Inspection, Testing)
7. Bordeaux - Latresne  
Tel: 05 56 74 90 25



8. Pau  
Tel: 05 56 74 90 25
9. Toulouse - Plaisance-du-Touch  
Tel: 05 61 43 20 43

### CENTER - NORTH

10. Dunkerque - Grande-Synthe  
Tel: 03 28 61 02 00 (Inspection, Testing)
11. Dunkerque  
Tel: 03 28 58 95 41 (Training)
12. Roubaix  
Tel: 09 83 50 80 85
13. Douai - Cuincy  
Tel: 03 27 71 27 90
14. Châlons-en-Champagne  
Tel: 03 26 21 64 65
15. Saint-Dizier  
Tel: 03 26 21 64 65



16. Villepinte  
Tel: 01 49 90 36 77 (Regional centre)  
Tel: 01 49 90 36 79 (Electronics training)



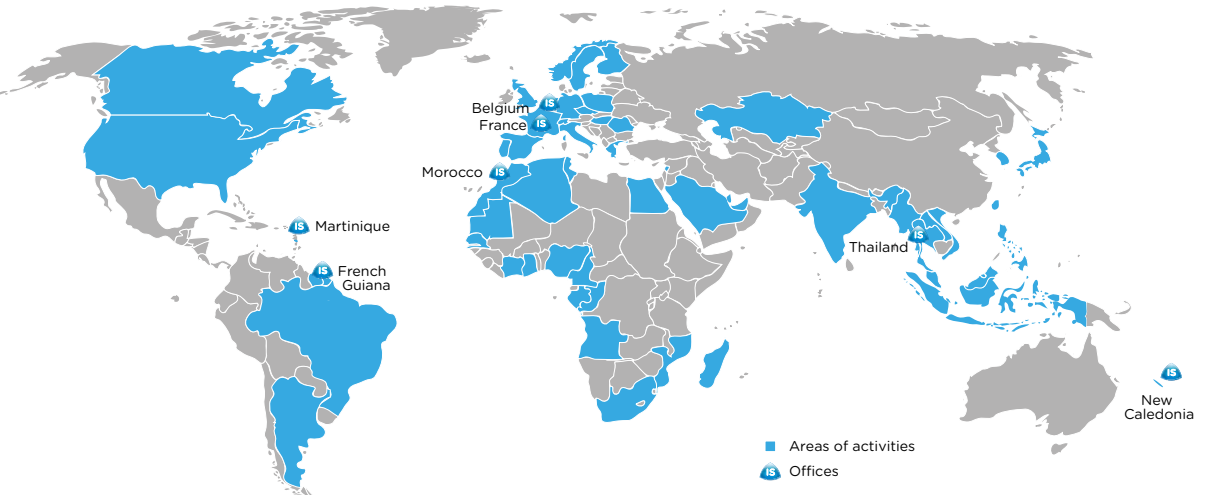
17. Compiègne  
Tel: 03 60 19 94 00
18. Montargis - Ouzouer  
Tel: 02 38 35 02 95
19. Tours  
Tel: 02 47 37 89 08
20. Chinon - Avoine  
Tel: 02 47 81 44 70
21. Niort  
Tel: 05 49 33 40 21

### EAST

22. Thionville - Yutz  
Tel: 03 82 59 13 80
23. Goin  
Tel: 03 87 55 60 75
24. Porcellette  
Tel: 03 87 00 00 10
25. Saint-Avold  
Tel: 03 87 92 93 94
26. Strasbourg - Entzheim  
Tel: 03 90 22 27 50
27. Mulhouse - Wittenheim  
Tel: 03 89 57 09 50
28. Lyon - Corbas  
Tel: 04 78 20 60 07
29. Grenoble  
Tel: 04 76 24 57 12
30. Bagnols-sur-Cèze  
Tel: 04 66 89 76 77
31. Marseille - Port-de-Bouc  
Tel: 04 42 06 25 98 (Inspection, Testing, Expertise)  
Tel: 04 42 06 02 00 (Training)



## ... and abroad



### OVERSEAS FRANCE

- FRENCH GUIANA  
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- MARTINIQUE  
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### EUROPE

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### AFRICA

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Port.: +212 6 62 11 27 03

### ASIA - PACIFIC

- THAILAND  
Head Office Bang Phli  
Tel.: +66 2 136 6933-6  
Rayong Office  
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ZI Paris Nord 2 - 90, rue des Vanesses  
93420 Villepinte - France  
Tel: +33 1 49 90 36 00



## PROVIDING SOLUTIONS TO MAKE THE INDUSTRY SAFER AND SUSTAINABLE



WHAT LINKS US MAKES US STRONGER

1905 - 2025 120 years of HISTORY and INNOVATION

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# SIX ACTIVITIES IN SYNERGY

## RESEARCH & DEVELOPMENT



## EXPERTISE



## TRAINING - EDUCATION



## INSPECTION



## TESTING



## PRODUCT CERTIFICATION



### CONTRIBUTING TO THE TECHNOLOGICAL DEVELOPMENT OF YOUR BUSINESS

The Institut de Soudure accompanies large, medium and small industrial businesses as well as microenterprises in their development and innovation strategy, thanks to our high added-value expertise, our multi-disciplinary skills and the resources and industrial pilot projects of our 4 research platforms.

- **Four technological platforms dedicated to:** joining (arc, laser, hybrid laser, electron beam, FSW, brazing); wire-arc and wire-laser additive manufacturing; modelling and characterisation of materials and assemblies (corrosion, fatigue, fracture); non-destructive testing and monitoring of structures (industrial maintenance, new equipment, composites); continuous fiber composite materials (welding, RTM, infusion, compression...). These platforms are used for French and international collective research projects, industrial and associative studies, studies for the profession, and services.

- **Documentation and Standardisation:** analysis of global technical journals, monitoring of standards, regulations, scientific research and documents.

- **The services we provide to our industrial members:** our professional network gives you a head start with a range of constantly developing services: personalised technical support from our experts, invitations to regional or remote events throughout the year, international monitoring of technology, normative and regulatory monitoring, bibliographic research, etc.

### RESOLVING COMPLEX PROBLEMS AND ADVISING INDUSTRIAL COMPANIES

The experts at the Institut de Soudure work to understand the origin of failures and to extend the life-cycle of in-service equipment. They also advise industrial companies regarding their technological choices.

- **Expertise:** root causes damage analysis on all types of metallic or composite materials for industrial companies or court experts.
- **Analysis of the harmfulness of defects:** fitness-for-service studies, optimisation of the life-cycle of old equipment, rehabilitation of equipment after a damage.
- **Advice, Calculation, Design:** advice regarding welding, dimensioning calculation, design optimisation (weight, life-cycle, welded joints), design verification (compliance of pressure equipment, bridges, structures).
- **Replicas:** on-site examination and diagnosis on the metallurgical health of new or in-service equipment. Analysis of emerging defects. Quick and precise examination without sampling. Rehabilitation of equipment after a fire.

### DEVELOPING SKILLS IN WELDING AND ASSOCIATED TECHNIQUES

The first organisation to deliver welding training in France in 1909, the Institut de Soudure has since continued to extend its training offer – both face-to-face in its fixed and mobile centers and remote – to respond to the needs of all: companies, employees, young people, job seekers and private individuals.

- **Preparation for international welding certificates:** international welder, welding coordinators (practitioner, specialist, technologist, engineer) and inspection personnel.
- **Theoretical and practical training in welding, brazing and piping:** materials (metallic, composite, multi-material assemblies), processes, design, manufacture, electronics, and preparation for qualifications.
- **Training in non-destructive testing** (conventional and advanced methods) and in radiation protection. Preparation for certification exams.
- **Two graduate schools – ESSA and EAPS –** for a year of specialisation in welding or in testing.
- **Work study modules in welding and in NDT:** as an apprentice training centre (CFA), we offer courses aimed at CQPM, professional titles, supplementary modules, professional NDT licence, ESSA specialised engineer.
- **Personnel certification:** organisation of non-destructive testing agents' certification exams.

### ENSURING THE COMPLIANCE AND SAFETY OF YOUR FACILITIES

The Institut de Soudure is the operator that is able to deploy considerable human and technological resources when accompanying its customers, from design to commissioning and then maintenance.

- **Second- and third-party inspection:** manufacturing follow-up of industrial equipment (pressure components, piping, structural works), procurement verification, welding book verification, in-service monitoring of overhead road traffic sign structures, follow-up on anti-corrosion coating work, pre-transport inspections.
- **Regulatory inspection:** as a member of ASAP\*, assessment of the compliance of new pressure equipment, checking of in-service equipment (periodic inspection and re-qualification, initial and in-operation verification, check at commissioning and following significant work), qualification of operating procedures for permanent assemblies and of the staff in charge of such assemblies.

### TESTING AND EVALUATING THE QUALITY OF YOUR EQUIPMENT AND PRODUCTS

The Institut de Soudure – leader of NDT in France – implements the most innovative inspection and testing techniques to validate equipment manufacturing and ensure in-service monitoring.

- **Non-destructive testing (NDT):** development of non-destructive testing and monitoring methods suitable for metallic, composite or ceramic materials. Implementation of conventional methods (liquid penetration, magnetoscopy, ultrasonics, radiography) and advanced methods (acoustic emissions, TOFD, ACFM, Phased Array, etc.) when laying pipes, shutting down industrial units (refinery, thermal power plants), inspecting productions (boiler making, aerospace) and maintaining structures.

The Institut de Soudure has its own rope-access technicians and remote-controlled robots for work on equipment that is not accessible by scaffolding. In the most technically demanding cases, highly qualified dedicated teams and project managers operate in France and internationally.

- **Destructive testing:** several laboratories dedicated to material testing (static and dynamic mechanical tests, corrosion tests, metallographic examinations, chemical analysis, and heat treatments). These procedures are used to characterise materials, to qualify welders and welding procedures, to produce sample pieces and prototypes, etc.
- **Engineering:** development of innovative and tailor-made solutions

### ADDING VALUE TO YOUR WELDING ORGANISATION

IS Certification, a subsidiary of the Institut de Soudure, is dedicated to the performance of certification audits in the field of welding.

- Several standards form the basis of the certifications, the most well-known of which are:
  - **EN 15085\*** for the design, purchase, manufacture and maintenance of railway rolling stock components
  - **EN 1090\*** for the CE marking of metallic structures
  - **ISO 3834\*** for all welded products.
- These certifications attest to your company's compliance and have become, in many cases, an **indispensable passport** for major international contractors.
- IS Certification has already provided certification to more than 300 companies that place their trust in it, both in France and abroad.
- IS Certification is the only French body **known to issue multiple certifications in the welding sector** in the context of a single assessment.

\* The Institut de Soudure Industrie is a member of ASAP, a type A inspection body notified and authorised under the European directive on pressure equipment and accredited by COFRAC (scope of accreditation No. 3-061 available at [www.cofrac.fr](http://www.cofrac.fr))

\* Certification issued by IS Certification is covered by COFRAC accreditation (Products and Services Certification) 5-0551 (scope available at [www.cofrac.fr](http://www.cofrac.fr)).