



The high-tech industrial piping specialist

Through its Piping Solutions activity, Fives designs and manufactures high-performance pipe networks and equipment for all types of industry.

Its teams' skills in design, supply, fabrication, assembly and on-site expertise mean that it can support customers throughout their projects or for a given phase.



Engineering

- Integrated design office
- Management of engineering projects
- Process, design and 2-D and 3-D production studies, procurement specifications
- Calculations
- On-site surveys and expert analyses



Prefabrication

- Fabrication of highly technical products: induction bending, expansion joints, aluminum piping and pressure vessels, pressurized devices and exchangers, skids, Polytubes® and scale removal
- 33,000 sq. m dedicated to prefabrication in 7 workshops across France: carbon, aluminum and stainless steel



Assembly

- Construction of new nuclear reactors in France and abroad (EPR and CPR 1,000)
- Maintenance and modernization program for France's nuclear reactors (900 MW, 1,300 MW and 1,400 MW section)
- Construction of new industrial installations



Maintenance

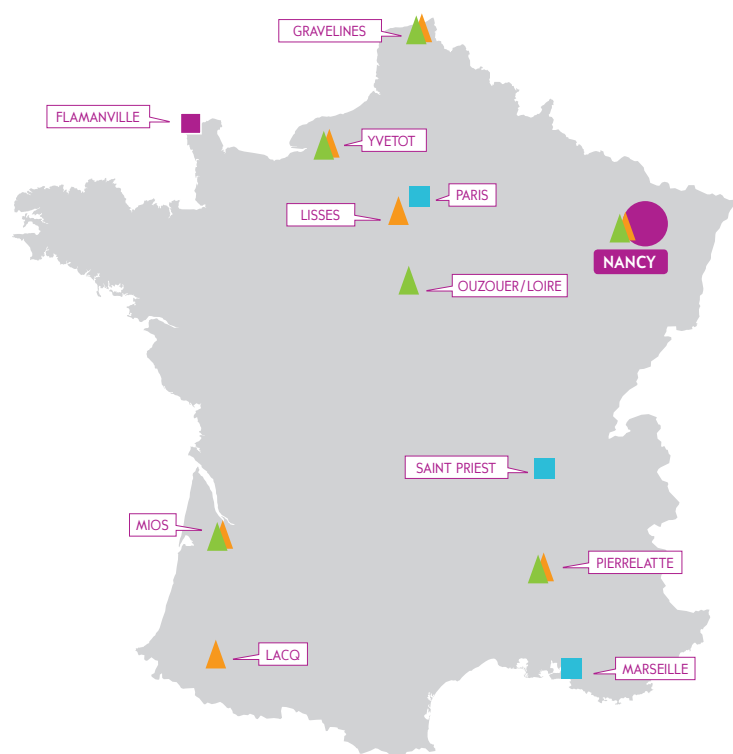
- Nuclear: work on 58 French nuclear reactors, both during operations and scheduled unit shutdowns
- Industry: local piping, pressure vessel and maintenance service

A HIGHLY QUALIFIED PARTNER

Through its Piping Solutions business activity, Fives owns over 2,000 Welding Process Specifications (WPS) that qualify for the standard international industrial codes (EN, ISO, RCC-M, RSE-M, ASME, AD-MERKBLATT, etc.).

To meet customer demands on quality standard compliance, the Piping Solutions business line has qualified for certifications that meet national and international standards: MASE, ISO 9001, ISO 14001, CEFRI, ASME, SELO, etc.

Fives offers to its customers local services through operational centers across France and agile skilled workforce



Over
115 years

of experience in Piping Solutions to offer the best service to customers

Close to
800

employees in the Piping Solutions business line

REFERENCES

A recognized experience in industrial piping projects:

- NUCLEAR POWER: AREVA - COMEX - CNEC - CNPEC - EDF - GENERAL ELECTRIC - NUOVA - WESTINGHOUSE
- THERMAL POWER: ALSTOM POWER - EDF - EDF-CIT - NAVAL GROUP - STX/ALSTOM
- CHEMICAL / PETROCHEMICAL: ARKEMA - BOREALIS - DPA - DRT - SIMOREP - SOBEGI - TOTAL - YARA
- GAS: GRT GAZ - STORENGY - TEREGA
- PAPER: INTERNATIONAL PAPER - FIBRE EXCELLENCE - RAYONIER - SKCP
- PHARMACEUTICAL / FINE CHEMISTRY: GENETHON - LFB - LILLY FRANCE - PARCHIMY - PFIZER - SANOFI-AVENTIS - SANOFI
- RESEARCH AND SCIENCE: CEA - CEPR - CERN - FACULTÉ DES SCIENCES - ITER - SYNCHROTRON SOLEIL
- AERONAUTICS: ARIANE GROUP - ROXEL - SNECMA

Fives is an industrial engineering group with a heritage of over 200 years of engineering excellence and expertise.

Fives designs and supplies machines, process equipment and production lines for the world's largest industrial groups in various sectors such as aluminium, steel, glass, automotive, logistics, aerospace, cement and energy, in both developing and developed countries.

In all these sectors, Fives designs and manufactures equipment and innovative solutions, which better anticipate and meet the needs of customers in terms of performance, quality, safety and respect for the environment.

€1,951 |
million
of sales

Close to
8,700 |
employees

Over
100 |
sites in
nearly 30 countries

CONTACT

fivesnordon@fivesgroup.com
T +33 (0)3 83 39 54 00

Fives Nordon
78, Avenue du XX^e corps - CS 90404 - 54001 Nancy Cedex - FRANCE
www.fivesgroup.com


fives
Industry can do it