



# Pipelines and supports inspection



## Our Piping Solutions expertise to assist our clients

- Spring support manufacturer until the early 1990s
- Qualified employees (Chemical risks, ATEX, nuclear, ...)
- 40 years of international experience
- Mastering of design/manufacturing codes, standards and regulations (RCC-M, CODETI, EN13480, ASME, DESP, ESPN, ...)

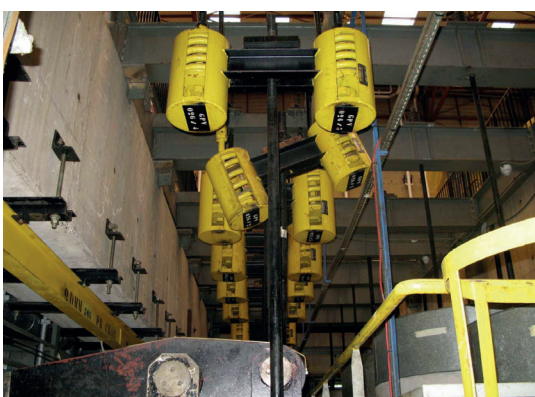
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# Piping support control

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UNREGULAR CONTROLS ON YOUR FACILITIES MAY CAUSE:

- Incorrect load supported
- Support blocked or in end position
- Incorrect pipe slopes
- Piping or equipment damage
- Significant corrosion
- Unknown or incorrect setting
- Support damaged or broken
- Other parts damaged or broken
- Incorrect assembly
- Significant stresses



A **deviation on a support** may cause **damages** and **uncontrolled events** on pipes.  
There has to be **sufficient control** of supports to ensure the continuous operation of the installation.

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## FIVES INVESTIGATES, ANALYSES AND OFFERS SOLUTIONS

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- Support adjustment
- Partial or total replacement of supports
- Unblocking supports
- Cleaning and lubrication of supports
- Welding and quality control
- Reporting

### OUR ADDED-VALUE

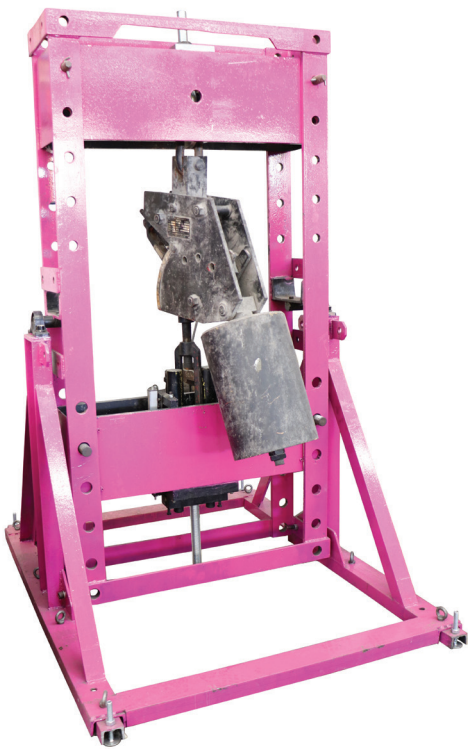
- **Reactivity:** Prompt responses following customer solicitations
- **Vast experience** on different industrial plants (thermal and nuclear power plant, chemical plant, ...)
- **Organization:** Network of subcontractors (supplies, fabrication, rope access technicians, ...)
- **Technical mastery** and compliance with safety rules
- **Training sessions** conducted by our internal teams for our clients

# Working method and equipment

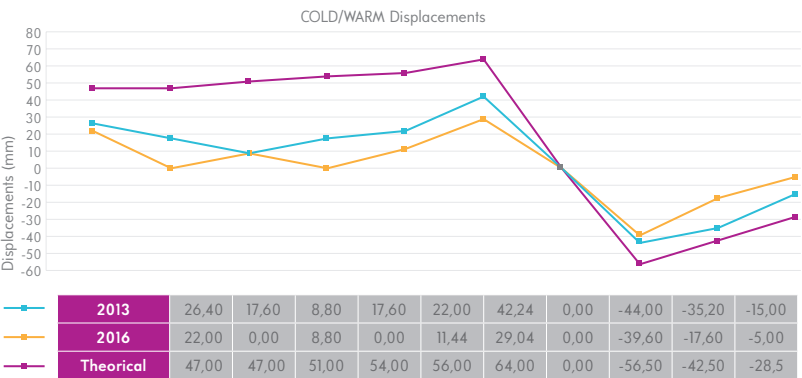
## BENCH TEST

Bench test, used for testing and assessment of constant and spring supports.

**On site load test:** Fives Piping Solutions experts also have a bench test directly used on support, without dismantling supports.



## EXPERT REPORT WITH RECOMMENDATIONS



OUR DESIGN AND TECHNICAL TEAM CAN ALSO PERFORM CALCULATIONS NOTES AND TECHNICAL DRAWINGS



WORKING WITH ROPE ACCESS TECHNICIANS



### SEVERAL FIELDS OF EXPERTISE:

- Pipes
- Supports
- Expansion joint/Compensator



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# Our experts dedicated to the Industry

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## CUSTOMER REFERENCES

Clients who rely on Fives and its Piping Solutions expertise:

ALSTOM - BOREALIS - CARGILL - CEPSE - CORIANE - COSUCRA -  
DALKIA - EDF - GALP ENERGIA - GAZ DE FRANCE - MEKONG NOVACARB  
REPSOL - RHODIA - SABIC - SATORP - TEREOS - TIRU - TOTAL - UEM -  
UNIPER - YARA

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