

Compliance of gas quality with infrastructure and uses

YOUR CHALLENGES

Carefully analyse the composition of the gases transiting through your structures, to guarantee their compliance with your technical specifications and regulations and assess their impact on infrastructure and end uses.

OUR VALUE-ADDED SKILLS

- Development of specific analytical methods adapted to methane matrix combustible gases for the analysis of hydrocarbons, particularly in trace amounts, to ensure the representativeness of samples and their integrity until analysis.
- Expertise in the calculation of the physico-chemical properties (thermodynamics, heat transfer, etc.) of combustible gases
- Mobile laboratory to carry out measurement campaigns in the field, as close as possible to the pipeline
- Testing of analyzers or analytical methods to verify compliance with operational needs and comprehensive performance evaluation.

OUR REFERENCES

- Carrying out measurement campaigns on industrial sites and/or in laboratories in order to obtain an exhaustive characterization of the combustible gases of an installation such as a biomethane injection station or syngas production unit.
- CARABIO project: exhaustive analysis of more than 500 compounds present in biomethane, thanks to the realization of 80 campaigns in France.
- Impact study of the addition of hydrogen to a natural gas.

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