

# REFERENCE CASE PIPELINE



## Maintenance and construction supervision for pipelines across São Paulo state

When Petrobras Transportes S.A. required independent supervision services for the maintenance and construction of its pipelines, technical expertise in the oil and gas industries as well as experience in project coordination across multiple sites was essential. That's why they turned to TÜV Rheinland.

Basic facts	
Client	Petrobras Transportes S.A. - Transpetro
Involved companies	Miscellaneous construction companies
Timeframe	June 2005 – ongoing
Project location	São Paulo, Brazil
Main services	<ul style="list-style-type: none"><li>▪ Supervision services, including technical analysis and construction supervision</li><li>▪ Maintenance supervision of gas pipelines</li></ul>

### Initial situation and requirements

Transpetro is the largest shipbuilder in Latin America and the main logistics and fuel transportation company of Brazil. Working on transportation and storage strategies for oil and its by-products, including ethanol, biofuels and natural gas, the company is a fully owned subsidiary of Petrobras and was established in 1998. Aligned with the Petrobras business strategy, the company's goal is to boost its growth and development in Brazil.

When the construction and maintenance of pipelines throughout the whole of São Paulo state required independent supervision, it was important that any partner taken on had impartial and in-depth knowledge and expertise in the gas and oil industries, so as to complement Transpetro's drive for sustainable growth within the region.

## Solutions, results

Due to its advanced knowledge of maintenance supervision services in the gas and oil industry and its experience of projects involving huge economies of scale, TÜV Rheinland was the preferred choice for Transpetro.

In order to provide the raft of services required, we took a two-pronged approach, covering both supervision of construction and maintenance supervision. In up to 61 cities we performed construction supervision services on pipelines and conducted a detailed technical analysis. In addition, for several gas pipelines in São Paulo we provided our maintenance supervision services.

With our range of experts on site to help, strategic difficulties such as how to cover the distance between the 61 cities of the state were overcome, and accidents and leakages were successfully avoided. With careful navigation of gas works equipment and with proper regard to health and safety issues, the gas pipe maintenance was carried out to the customer's full satisfaction.

## Benefits for the client

With our strategy of both maintenance and construction supervision, Transpetro could be sure of:

- A competitive and comprehensive range of services.
- A valuable and broad range of expertise, including engineers and technicians.
- Thorough supervision work completed on time and to client specifications.



## Your contact:

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## Did you know?

Transpetro covers more than 14,000 km of oil and gas pipeline across the length and breadth of Brazil, including the rain forest.

## About TÜV Rheinland:

Founded 140 years ago, TÜV Rheinland is a global leader in independent inspection services, ensuring quality and safety for people, the environment, and technology in nearly all aspects of life.

We inspect technical equipment, products and services, oversee projects and help to shape processes for companies around the world. Since 2006 we have been a member of the United Nations Global Compact to promote sustainability and combat corruption.

As one of the leading providers of inspection services in the oil and gas industry, we can help you to reduce risk, prevent material defects and ensure maximum safety and optimal functioning of your plants and pipelines. Throughout the entire project we can support you with certification, inspection and consulting services and help you meet your obligations for all applicable standards and regulations.