

# BRASKEM

## petrochemical complex

**KAEFER RIP Serviços Industriais supported BRASKEM Alagoas with provided multi-disciplinary services:** rope access solutions, delivering electromechanical services, inspections, thermal insulation, non-destructive testing, and painting for tanks, reactors, flare systems, and pipelines.

Alongside these services, KAEFER trained new professionals and provided ongoing support for maintenance contracts in the region.

**1,080,000** man-hours delivered

**486** employees mobilised since 2019

**3** years without LTI

Owner/Operator:

**Braskem**

Client:

**Braskem**

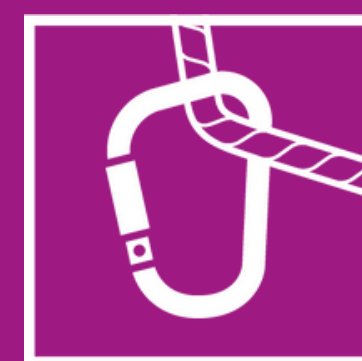
Location

**Brazil**

Project period:

**2019-2028**

Services:



Rope Access



Thermal Insulation



Non-Destructive Testing



Electro-mechanical Services



## Project information

Since 2019, KAEFER has mobilised 486 employees and delivered 1.08 million man-hours for BRASKEM Alagoas. The project placed a strong emphasis on LEAN principles, including the Kaizen programme, resource optimisation, and waste elimination. Pull production methods were adopted to avoid unnecessary inventory, and visual management tools, regular check-ins, and detailed planning ensured efficient workflows. These approaches enabled the team to develop new professionals, optimise resources, and maintain high standards in safety and quality.

## Challenges

The main challenges were mobilising qualified professionals and managing limited warehouse space. KAEFER addressed these by training local employees, bringing in experienced specialists, and applying LEAN principles. Visual management, continuous improvement, and digital tools supported efficient coordination:

DPMS, a platform for real-time planning, monitoring, and control of project activities, and RDO Web, an online solution for daily reporting and documentation, enabled transparency and adaptability, even during corrective maintenance and plant shutdowns. Temporary container solutions supported logistics despite space constraints.

