

# CASE STUDY

## PROBLEM

RAK received a call from a customer regarding multiple gas leaks that posed safety risks and needed to be addressed immediately to avoid downtime. The pipe had old, deteriorating brackets that required removal, and previously made fiberglass repairs had failed compromising the structural integrity of the pipe.



**BEFORE**

## SOLUTION

RAK designed and implemented a multi-step carbon fiber repair system to restore the structural integrity of the pipe and all work was performed with zero downtime.

## AT A GLANCE

### CHALLENGES

- Needed extensive repair to prevent further damage and maintain integrity.
- RAK handled multiple repair tasks simultaneously while maintaining project timeline and quality standards.

### BENEFITS

- Strengthened the pipe to combat future corrosion with carbon fiber repair system.
- Minimized future maintenance costs by reinforcing vulnerable areas.
- All repairs were made while plant was in full operation.



# PROJECT PICTURES

