

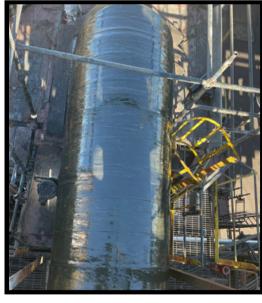
CASE STUDY

PROBLEM

A customer at a coke plant has a 42" Coke Oven Gas Main that was experiencing <75% wall loss in the vapor space of the main due to high volume ammonia. There were significant leaks on the entire piping system.



BEFORE



AFTER

AT A GLANCE

- Cost to replace \$1.5MM without factoring in loss of production due to downtime.
- Repairs were completed with minimal unscheduled downtime.
- Engineered repair
 brought piping system
 back to original design
 specs.
- Complete at a fraction of the cost of replacement.

SOLUTION

RAK utilized an engineered multi-layer composite system to bring this piping system back within its original design specifications. This was paired with a chemically resistant resin system designed to withstand constant exposure to high volume ammonia.



PROJECT PICTURES

