



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

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.

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.



PROJECT PICTURES

