

Case study

# Flare Collector Rehabilitation

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## Extend the life of industrial pipes with a cost-effective solution.

### Maximizing cost savings for customer

Client: Major North Sea Operator

Location: North Sea

Scope: 15 m of DN300 flare collector pipe, including 8" and 6" branches

## CHALLENGE

A flare collector pipe leading to a separator tank had developed significant internal corrosion. The system included complex branching and was critical to safe flare operation. Any replacement would involve hot work and structural alterations in a highly sensitive area.

## SOLUTION

Pipeliner mobilized its lining system offshore and carried out full internal cleaning, mechanical preparation, and epoxy lining. Milling was performed on all branch connections, and custom top-seal end caps were installed. The lining process restored the pipe's structural and chemical integrity with minimal on-deck footprint.

## RESULT

- Fully restored flare line integrity and performance
- Eliminated the need for hot work or welding
- Safe execution in compliance with offshore process safety requirements

## WHY EXTENDING ASSET LIFESPAN MATTERS



Reduction of  
Operational Downtime



Significant Reduction  
in CAPEX Costs



Mitigation of  
Environmental Impact



Enhancement of  
Safety Standards



Improvement in  
Hydraulic Efficiency