

— FLARE REPAIR

In-Operation Flare Repair

Robotic repair of critical flare structures at height - without shutdown.



No shutdown. No production loss. Zero compromise.
 Repaired live.

01

What It Is

In-operation flare repair solution

Effee delivers safe, targeted repair of critical flare structures at height and in hazardous environments - combining robotic welding, remote operation, and engineered access. The asset stays fully operational even when findings require intervention. Remotely operated tooling delivers high-precision, repeatable repairs with lower personnel exposure.

02

Key Benefits

- Repair while the asset stays fully operational
- Remote robotic execution at height and in hazardous zones
- Reduced personnel exposure and rescue complexity
- High-precision, repeatable quality

03

Customer Value Delivered

Effee completed a critical flare repair while the asset remained in full production, avoiding 20 days of shutdown. Remote robotic execution enabled insulation removal, inspection, grinding, and welding at height - stopping critical leakage and securing operation until the next planned shutdown.

The repair saved approximately USD 16 million versus conventional methods and protected an estimated USD 130 million in production value - while reducing HSE exposure and avoiding operational disruption.



Reduced POB

Lower HSE exposure

Remote operation

Digital traceability

Protects uptime

Extends asset life

