Robotic Volume Welding Modifications & Repair

LESS REPLACEMENT, MORE UPTIME, STRONGER HSE

Stop replacing. Start restoring. Less downtime. Lower exposure. Major gains.

High-volume integrity repairs

Effee's robotic welding enables large-scale, high-volume repair programs that are not feasible with conventional manual methods. It addresses corrosion and fatigue damage, delivering permanent, repeatable robotic restoration instead of full replacement.

Key benefits

- Large-scale repair where manual welding isn't feasible
- Permanent restoration instead of full replacement
- Scalable, predictable maintenance campaigns
- Schedule certainty, lower cost, stronger HSE

Value from a completed project

15 DAYS

AVOIDED SHUTDOWN PER TANK

Robotic execution avoided 15 additional shutdown days per tank.

USD 3 M

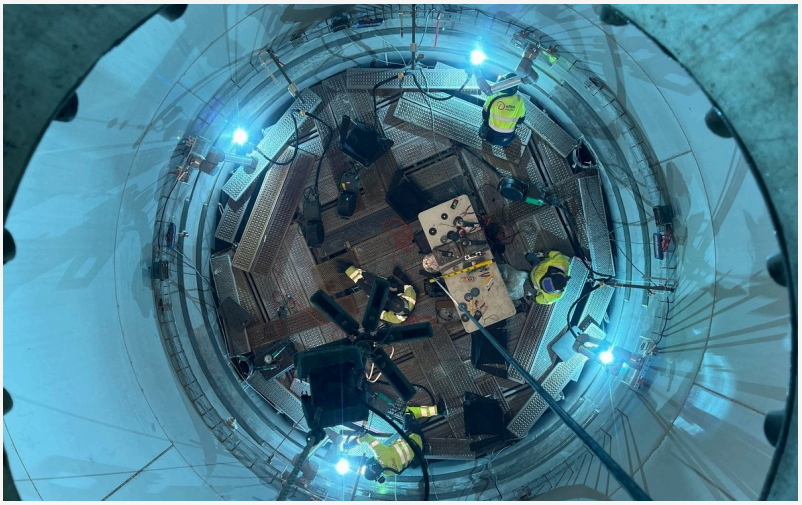
PRODUCTION VALUE PROTECTED PER TANK

Approximately USD 3 million in production value protected per tank

90%

LOWER REPAIR COST

By repairing instead of replacing, the estimated cost per tank was reduced from USD 11 million to USD 1 million.



- Reduced POB
- Lower HSE exposure
- Remote operation
- Digital traceability
- Protects uptime
- Extends asset life, reducing carbon footprint

sale@effee-osr.com | www.effee-osr.com