

FLARE GAS RECOVERY



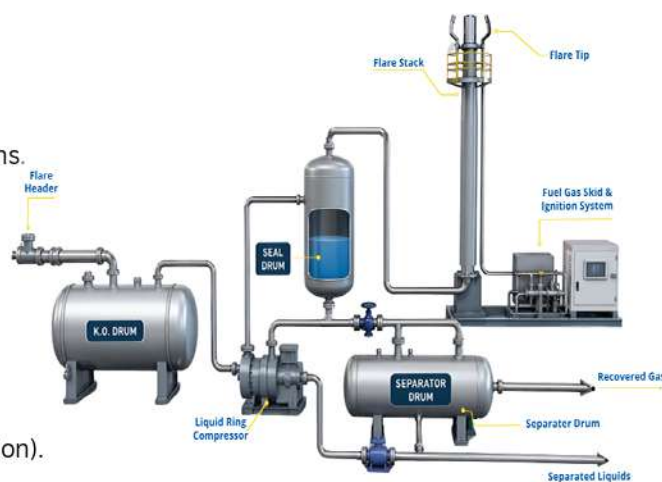
Birwelco Ltd, part of the UnitBirwelco Group, has **developed a proven Flare Gas Recovery (FGR)** package designed to capture and reuse gases that would otherwise be flared. Installed upstream of the flare stack, the system delivers immediate operational savings while significantly reducing greenhouse gas emissions.

Overview

- ① **Proven Flare Gas Recovery (FGR) technology**
Captures and reuses gases that would otherwise be flared
- ① **Installed upstream of the flare stack**
For immediate operational savings and major emissions reductions.

Financial Highlights

- ① **Captures 98.2%** of flare gases.
- ① **Recovers 69%** of the flare system as valuable hydrocarbon gas.
- ① Generates **£138/hour** under normal operation and up to **£275/hour** at maximum capacity.
- ① **Annual savings:** approximately **£1.11 million** (48 weeks/year operation).
- ① **Payback period:** under **12 months**.
- ① Post-paybacks, the system provides **multi-year cost savings** and boosts **energy efficiency**.



UnitBirwelco - provider of complete flare solutions

Environmental & Operational Benefits

- ① **98.2% reduction** in flare gas emissions.
- ① Significant **carbon footprint reduction**
- improves **ESG and sustainability credentials**.
- ① **Less noise and visible pollution**,
improving site safety and public perception.
- ① Helps meet **tightening environmental regulations**.

Project Delivery

- ① **Full EPC scope:** design, engineering, fabrication, assembly, inspection, testing, and delivery.
- ① **Proven offshore capability:** used on the **BJ Central Oil & Gas Processing Platform (Qatar)**.
- ① **Typical delivery:** 24 working weeks from order.

**Investing in Birwelco's Flare Gas Recovery System is not just an environmental decision
- it's a profitable operational strategy.**

CONTACT

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