

# MOBILE FLARE GAS RECOVERY UNIT

RPB FOR ACID GAS REMOVAL & CRYOGENIC DISTILLATION

Mobile Modular SKID Design

Plug & Play Solution

25%+ Energy Savings

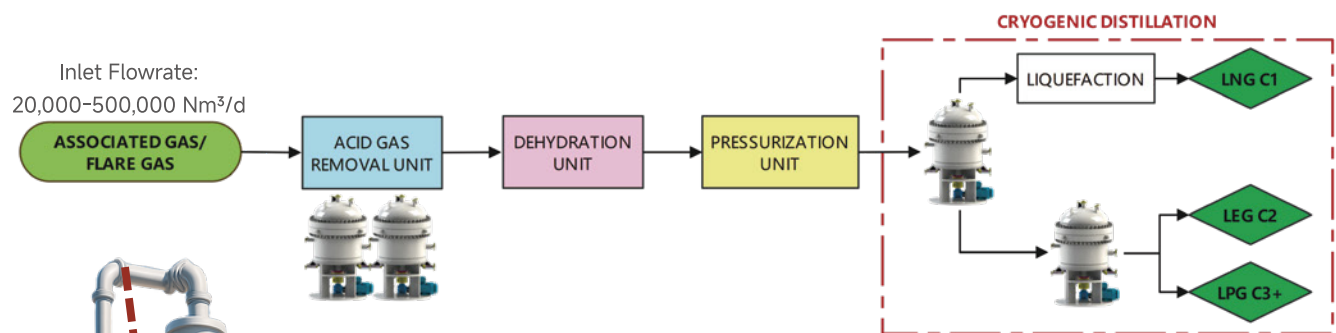
Works Offshore & Onshore

## SUMMARY

Driven by stricter environmental regulations and the need to reduce waste, SFCL developed a mobile flare gas recovery unit with RPB technology. Since flare gas is often available only in small volumes and for short production cycles, our compact and portable design provides a flexible solution. The recovered gas can be recycled and converted into LNG, LEG, and LPG, or utilized downstream for power generation, helping operators maximize value from otherwise wasted flare gas.

## HOW IT WORKS

- RPB technology is well-proven in acid gas removal units and cryogenic distillation applications, ensuring high reliability.



## TECHNICAL ADVANTAGES

- Compact & Mobile: Significantly reduced skid footprint for easier transport, faster installation, and seamless site integration.
- Cost-Effective: Compared to large-scale LNG plants or standalone smallscale LNG units, significantly reduces CAPEX, OPEX, and energy consumption.
- Highly Integrated: Modular design minimizes on-site installation, simplifies maintenance, and allows rapid troubleshooting to reduce downtime.
- Automated & Efficient: Intelligent control and monitoring ensure stable, reliable operation.
- Fast Deployment: Short construction cycle enables quick start-up and faster revenue generation.



RPB TO REPLACE CONVENTIONAL TOWER



MOBILE MODULAR SKID