

## Oil & Gas Solutions Pneumatic Devices

COST EFFECTIVE SOLUTION | ZERO GREENHOUSE GAS EMISSIONS | FULLY AUTOMATED | PERFORMANCE GUARANTEE | LIFETIME WARRANTY

# ELIMINATING METHANE EMISSIONS

# Invest in Clean Energy Solutions

*The Kathairos™ Solution uses liquid nitrogen, instead of methane, to operate pneumatic devices at off-grid oil and gas facilities thereby eliminating methane emissions during routine site venting. Chart's MicroBulk system provides a continuous unattended nitrogen supply.*

## Oil & Gas Solutions

- Conveniently manufactured as a compact free-standing integrated system. Pneumatic rates as high as 170 Sm<sup>3</sup>/h.
- No moving parts, requires no maintenance or electricity and generates no on-site emissions.
- Automated design provides continuous unattended pneumatic supply.
- Monitor emissions 24/7 from your computer or mobile device.
- Approved for use in Canada and the United States.
- Easily scalable across your asset portfolio. Can supply hundreds of units each month.

**Guaranteed performance, lifetime warranty.**

Chart's MicroBulk solutions have been around since 1998, with over 55,000 units used around the world in industrial applications



## Field-Proven Performance

- A **first-of-its-kind** integration of liquid air storage and pneumatic supply at remote wellsites in Northern Canada.
- A zero-emission solution that eliminated all methane venting at location.
- Operated flawlessly during -50°C polar vortex.
- Provided reliable uninterrupted pneumatic supply to both greenfield and brownfield locations.
- Exceeded all operational specifications for pneumatic devices.

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