

Cross-Compression Services



CHZERO
EMISSIONS



CHZero specializes in Cross-Compression services, assisting our customers to reduce methane and CO₂ emissions from pipeline, vessel and compressor station blowdowns and achieve their Net-Zero goals.

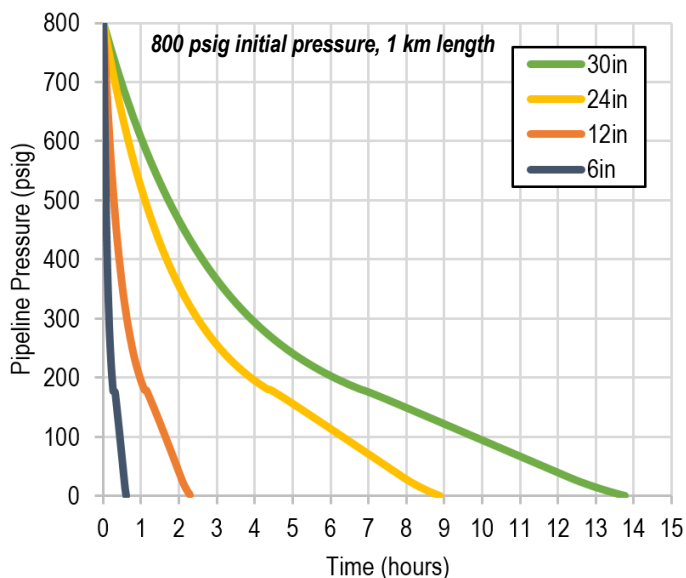
Using innovative compressor technology, flaring, incineration, venting and other associated environmental impacts are eliminated and saleable natural gas is conserved. The compressor can be operated in built up and urban areas, reducing the length of pipeline isolation required and allowing for faster service with less disruption to customers.

Compressors can easily be operated in parallel to reduce the time needed to evacuate a pipeline or vessel.

Trailer mounted and engine powered from pipeline gas, performance can be monitored remotely with real-time status on any web-enabled device. Operation is fully PLC controlled and automated based upon user configured parameters and setpoints.

Flowmeters measure the amount of gas processed through the compressor as well as the volume of gas used by the engine, providing a verifiable result for the amount of gas conserved.

Typical time to evacuate various pipeline diameters



Applications

- ▶ Gas pipeline evacuation
- ▶ Vessel and compressor blowdowns
- ▶ Inline inspections
- ▶ Maintenance and repair
- ▶ MAOP testing
- ▶ Pig pushing
- ▶ Depressurizing pig receivers
- ▶ Pressure boosting
- ▶ Decommissioning

Standard Features

- ▶ Natural Gas powered; no external fuel source required
- ▶ Highly mobile; rapid setup and breakdown
- ▶ Aftercooler limits discharge temperature to protect plastic composite pipe
- ▶ Fully controllable based on user parameters and stop conditions
- ▶ Automatic operation and remote monitoring capability
- ▶ EPA /CARB Certified Natural Gas engine

Benefits

- ▶ Energy savings and conservation of gas
- ▶ Completely eliminate flaring and venting
- ▶ Reduce carbon taxes
- ▶ Comply with regulations
- ▶ Minimize CO₂ and methane emissions
- ▶ Reduce capital expenditure for equipment
- ▶ Mobilize in urban areas, minimizing service disruption
- ▶ Alternative to nitrogen displacement
- ▶ Precise and responsive pressure control for pig pushing

www.chzeroemissions.com