CALSCAN SOLUTIONS

Quick Facts

Headquarters:
Edmonton, Alberta, Canada
Founded: 1995
Total Employees: 25
Number of locations: 3
(Edmonton, Calgary, Houston)

Calscan Solutions, a member of the Methane Emissions Leadership Alliance, offers methane management solutions and they are ready to expand their capacity to meet new customer demands.

This case study provides more information about Calscan, their technology and plans for the future.

"If methane gas emissions were pink or red, the issues of leaks into our atmosphere would have been solved decades ago," claims Henri Tessier, Operations Manager for Calscan Solutions, an innovative Alberta-based instrumentation and control company serving the oil and gas industry. Today, companies like Calscan have developed cost-effective, innovative solutions to reduce these harmful emissions and they are one of many companies poised for growth as the Canadian and Alberta Governments introduce regulations to reduce methane emissions from the oil and gas industry.

In 2010, Calscan Solutions engineered a product called Bear Solar Electric Control System to prevent sour or wet gas from interfering with the function of pneumatic devices on well sites. The goal was to reduce the time and cost associated with maintaining pneumatic devices. The Bear Solar Electric Control system completely replaces all pneumatically powered devices on a well site with electric controls and can be implemented in nearly every situation. The solution saves maintenance costs and as an additional benefit, and now emerging as a central selling feature, Calscan's Bear Solar Electric Control System ensures zero gas emissions from pneumatic devices which means gas that would have previously been lost into thin air is now a valuable commodity retained for sale.

It is no wonder a solution like Calscan's catches the attention of the oil and gas industry. Hundreds of tons of harmful methane gas emissions from each well site annually can be eliminated where a Calscan Bear Solar Electric Control system is installed and the company sees a benefit on their bottom line.

> **"Our customer CEOs are making reducing methane emissions a goal in their business plans and that is going to drive more customers through our doors."**

With approximately 70,000 well sites operating on instrument gas in Alberta alone, and estimating each site vents on average between 250 tonnes of C02 per year, the potential cost benefit for companies is substantial, not to mention the environmental benefit of avoiding these harmful methane emissions.

In Canada, both Alberta and the Federal Government will be introducing new regulations in 2018 aimed at reducing oil and gas methane emissions, increasing the need for proven, cost-effective solutions like Calscan's Bear Solar Electric Control System. "Methane emission reductions weren't a primary target for many companies in years past, but now our customer CEOs are making reducing methane emissions a goal in their business plans and that is going to drive more customers through our doors," said Tessier.

Calscan now describes itself as building a ramp to get ready for the demand by sourcing new manufacturing space, resetting business targets and preparing to triple its staff and production by 2018 to align with the implementation of the new regulations. There is plenty of opportunity for companies, like Calscan, with cost-effective solutions to prevent and completely eliminate methane gas leaks, in helping their industry customers achieve government reduction targets and realize millions in cost savings.

Learn more at www.calscan.net.

FACT SHEET: CALSCAN SOLUTIONS

Background

Starting in 1995 as an instrumentation and control company, Calscan has become a leader in developing electronic downhole tools, specifically in the areas of downhole and sub-surface pressure recorders, flow computers, solar powered separate controls, and cyclone separators.

Products/Services:

Calscan has developed products for the oil and gas industry to reliably measures and reduce air emissions.

Initially focused on custom reporting, calibration, and servicing of downhole sensors, in 2009 Calscan' s attention turned to methane measurement tools as a way to reduce both problem fuel gases and operational costs. Since then, with continued investment of time and financial resources, Calscan continues to develop solutions for methane vented gases. As more data becomes available regarding the amount of harmful gases produced when venting a well and new government regulations are introduced, Calscan is ahead of the curve with available and cost-effective technologies.

The **Bear Solar Electric Control System** offers zero emission technology for replacing pneumatic control devices at well sites using methane fuel gas in nearly every situation, contributing to the reduction of methane emissions in the atmosphere.

The **Hawk 9000 Vent Gas Meter** can be used to measure and digitally log low flow vented gas with unparalleled accuracy.

Meeting Needs Today and Tomorrow

Calscan is prepared to expand its fleet of Hawk 9000 vent gas meters and Bear Solar Electric Control Systems. Calscan is expecting to trip its staff and production by 2018 and as a result, will need new employees and additional facilities for manufacturing.