



LOW EMISSION PACKING

Outperforms Standard Packing.

CECO LEP®, utilizing proprietary

Resilon-T® material and innovative



packing design, is superior to other pressure packing in the industry.

When compared with existing packing, LEP dramatically reduces fugitive emissions, lost and unaccounted for gas, and can be easily installed during routine maintenance in the field. CECO LEP does not require expensive modifications to the pressure packing case, unlike many emission-reducing alternatives.

RELIABILITY IN THE FIELD

CECO's proprietary Resilon-T materials give CECO LEP a longer life than standard packing, and minimizes extrusion. CECO can retrofit most existing packing cases. LEP can be installed during routine maintenance in the field, eliminating downtime resulting from case rebuilding.

The combined leak rate had been reduced to 2.3 cubic feet per minute, achieving a 93% leak rate reduction with CECO low emission packing.

Value-Adding Technologies
American Oil & Gas Reporter
Article by Richard Ayala, Encana

COMPLY WITH NEW EMISSION STANDARDS

Stricter federal, state and corporate mandates demand proven packing that minimizes fugitive gas emissions. Proposed new EPA rules, commonly known as subpart W, require the industry to measure all fugitive gas in the compressor station. Based on Encana analysis of 24 LEP converted packing cases, CECO LEP will conserve 16.4 million cubic feet of gas yearly and cut 5,800 tons of CO₂ equivalent emissions. The quality of LEP packing enhances profitability while allowing your company to more easily comply to environmental requirements.



PACKING CASE REPAIR

CECO offers packing case repair and piston rod rebuilding to OEM specifications at our Precision Repair Centers. Cases are carefully inspected, machined, lapped and assembled to assure maximum sealing efficiency.

We also provide new replacement piston rods as worn rods cause unwanted gas leakage.

ENGINEERED QUALITY

CECO has been delivering superior products and services to the gas transmission, gas processing and petrochemical industries since 1964. The reliability and efficiency of LEP continues our industry leadership in maximizing compressor operations and cost-saving products and service.

- Reduces greenhouse gas emissions, by decreasing fugitive gas
- Reduces lost and unaccounted for gas, for better revenues.
- Proven design, exceptional results in the gas processing and transmission industries
- Easy to install in the field
- Helps satisfy EPA and state regulatory compliance



CONTACT US

5440 Alder Dr.
Houston, Texas 77081

Phone 800-TRYCECO Fax 713-664-6444
800-879-2326 Email lepinfo@ceconet.com
713-664-7333 www.tryceco.com

ENCANA PRESENTATION

Gas Processing Association Annual Meeting, 2010.

INSTALLING CECO LOW EMISSIONS PACKING (LEP) PROJECT LOOK BACK

	BEFORE	AFTER
Installed 24 sets of CECO LEP in 2008-2009 as a pilot test		
Achieved an average venting reduction of greater than 90% As found vs. post LEP install		
Found that LEP offers an additional 30% venting reduction over OEM packing		
	LEAK RATE (scfm)	
	33.5	2.3
	LEAK RATE (MMscf/yr)	
	17.6	1.2
	CO₂e EMISSIONS (tons/yr)	
	6230	428

