



PERNICKA CORPORATION

FOR IMMEDIATE RELEASE

**Major Reliability and Materials Testing Laboratory for Aerospace
and Defense Industries Purchases Pernicka CHLD System**

*Hi-Rel Labs purchase of Pernicka's Cumulative Helium Leak Detection (CHLD) system
driven by tightened military standard (MIL-STD 750) specification*

Fort Collins, COLO.—October 3, 2007— Hi-Rel Laboratories, Inc.®, a pioneer in electronic component materials and failure analysis testing for the aerospace and defense industries, announced today that it has purchased a Pernicka Corporation Model 700G Cumulative Helium Leak Detection (CHLD) system. The company plans to use the system to meet the new, more restrictive limits mandated in the revised MIL-STD 750 specification for the leak testing of sealed components, including high-reliability aerospace parts.

Hi-Rel Labs is the first DPA (Destructive Physical Analysis) facility to purchase the groundbreaking CHLD system from the Pernicka Corp. DSCC (Defense Supply Center Columbus), the standards body responsible for implementing changes to military standards, approved the CHLD method in January, 2007.

“Pernicka’s innovative and cost-effective new test system, coupled with the CHLD method, opens new services for our customers who need ultra-sensitive leak testing of packages and components, said Trevor Devaney, Hi-Rel Labs’ president. “Pernicka’s CHLD delivers the added bonus of streamlining our testing processes and eliminating the use of expensive and hazardous Fluorocarbons,” Devaney continued.

- MORE -

Pernicka/Hi-Rel Labs

2 – 2 – 2

“Hi-Rel Labs is a recognized industry leader that has been on the forefront of testing technology for more than 35 years,” said John C. Pernicka, founder & president of Pernicka Corporation. “We’ve had a long relationship with Hi-Rel Labs and the fact that they chose the Pernicka CHLD system validates our vision to be the provider of the most sensitive testing technology available.”

Pernicka’s Model 700G CHLD is the only system that has detected leaks down to 4×10^{-14} atm-cc/sec in implantable electronic medical devices, high-reliability space/satellite parts, and semi-conductor packages – reducing device recalls and increasing operational life. The system also combines two tests – fine and gross leak tests – into a single, more efficient, operation that eliminates the use of Fluorocarbons in the testing process. The Model 700G is now in production and can be viewed in operation by appointment at the Pernicka Corporation test lab or various customer locations.

ABOUT PERNICKA CORPORATION

Pernicka Corporation, a privately-held ISO 9001-2000 certified manufacturing and services firm located in Fort Collins, Colorado, has solved complex engineering, manufacturing, and measurement problems in military and business applications for nearly 40 years. Pernicka’s expertise and leadership in advanced vacuum technologies helps manufacturers of implantable electronic medical devices, high-reliability space/satellite parts, and semi-conductor packages realize higher part reliability, lower failure rates and environmental compliance. John C. Pernicka pioneered development of the Cumulative Helium Leak Detection (CHLD) method and now manufacturers the first commercially available CHLD system. For more information, please visit www.chldpernicka.com.

- MORE -

Pernicka/Hi-Rel Labs

3 – 3 – 3

ABOUT HI-REL LABORATORIES , INC.

Hi-Rel Laboratories, Inc. is an independently owned and operated corporation mainly involved in materials evaluation of the micro-electronic oriented phases of commercial, aerospace and defense industries. The company was originally founded to provide technical services to rare coin collectors (numismatics) who study and detect counterfeit or altered coins. The services, based on E-beam microanalysis, found ready acceptance by the materials-oriented portion of the aerospace community. Beginning in 1973, Hi-Rel Labs realized the potential growth requirements of the aerospace industry for component testing and qualification known as DPA (Destructive Physical Analysis). Today numerous military and customer specifications precisely define these needs.

Hi-Rel's Chairman, John Devaney, started with Hi-Rel Laboratories in 1972 and was responsible for the company's thrust into electronic component testing given his expertise in materials analysis techniques applied to micro electronics failure analysis. Mr. Devaney has published over a hundred technical papers and notes as well as lectured to industry and government centers around the world. Today, Hi-Rel is thriving on a strong presence in Space Program component evaluation (DPA) and a blend of largely commercial materials and electronic failure analysis. Because of Hi-Rel Lab's strength and emphasis in materials evaluation of electronic materials, coupled with a commitment to being highly cost effective, the company has established itself as the leader in the DPA testing market. For more information, please visit www.hrlabs.com.

###

All company and product names are trademarks of their respective owners.