

# LEAK DETECTION SUBMISSION FORM

(Use separate form for each different part type)

## EAG Laboratories – Fort Collins

(formerly Pernicka Corporation)  
112 Racquette Drive  
Fort Collins, Colorado 80524

970-224-0220 (phone)  
970-224-4699 (fax)  
fwilson@eag.com

DATE \_\_\_\_\_

COMPANY \_\_\_\_\_  
ADDRESS \_\_\_\_\_

P.O. \_\_\_\_\_  
RELEASE NO. \_\_\_\_\_

PHONE NO. \_\_\_\_\_

BUYER \_\_\_\_\_  
REQUESTOR \_\_\_\_\_  
FAX NO. \_\_\_\_\_

### LEAK TEST:

\_\_\_\_\_ MIL-STD 750-1A w/chg 2 Method 1071.16: \_\_\_\_\_ CH1, \_\_\_\_\_ CH2, Class \_\_\_\_ S \_\_\_\_ K  
\_\_\_\_\_ MIL-STD 883K w/chg 1 Method 1014.15: \_\_\_\_\_ CH1, \_\_\_\_\_ CH2.  
\_\_\_\_\_ Customer's own test parameters.

\_\_\_\_\_ Yes \_\_\_\_\_ No Does the test deviate from the MIL-STD?  
\_\_\_\_\_ Yes \_\_\_\_\_ No Should parts be Helium bombed?  
\_\_\_\_\_ Yes \_\_\_\_\_ No Are packages sealed with Helium or Helium mix? If yes, what is the sealing mix? \_\_\_\_\_  
\_\_\_\_\_ Yes \_\_\_\_\_ No Should fluorocarbon leak rate be measured?  
\_\_\_\_\_ Yes \_\_\_\_\_ No Does your sample contain any hazardous, radioactive, corrosive, or explosive materials? Please list: \_\_\_\_\_  
\_\_\_\_\_ Yes \_\_\_\_\_ No ESD handling of parts?  
\_\_\_\_\_ Yes \_\_\_\_\_ No Individual test reports are required for each part.

### VARIABLES:

\_\_\_\_\_ atm-cc/sec Equivalent standard leak rate (L).  
\_\_\_\_\_ atm-cc/sec Pass/fail leak rate for Helium (R1).  
\_\_\_\_\_ cc Internal volume of package (V).  
\_\_\_\_\_ psia \_\_\_\_\_ psig Maximum Bombing pressure (Pe).  
\_\_\_\_\_ hr \_\_\_\_\_ min Bomb time (t1).

\*note: If the above information is not supplied, or is incorrect, the accuracy of the test, and/or integrity of the package may be compromised.

### SPECIAL INSTRUCTIONS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ Quantity of Parts Submitted

PART NO. (As shown on part)	DATE CODE	SERIAL NO.	MANUFACTURER
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

### Return Shipment:

UPS: \_\_\_\_\_ Red \_\_\_\_\_ Blue \_\_\_\_\_ Orange \_\_\_\_\_ Ground  
FED-X: \_\_\_\_\_ Priority \_\_\_\_\_ Standard \_\_\_\_\_ Economy  
AIRBORNE: \_\_\_\_\_ Overnight \_\_\_\_\_ Afternoon \_\_\_\_\_ 2-Day  
OTHER: \_\_\_\_\_

Account No. \_\_\_\_\_  
Account No. \_\_\_\_\_  
Account No. \_\_\_\_\_  
Account No. \_\_\_\_\_

REV: I Submit one copy with order. Retain one copy for your records.