



ESIS, Inc. – Global Risk Control Services  
**Environmental Health Laboratory**  
Metals Analysis

ESIS EHL offers a Metal Scan and Welding/Brazing Fume Scan by Modified OSHA 125, with a normal turn around time of three working days.

The 15 metals included in the Metal Scan are:

<b>Aluminum</b>	<b>Chromium</b>	<b>Manganese</b>
<b>Antimony</b>	<b>Cobalt</b>	<b>Molybdenum</b>
<b>Arsenic</b>	<b>Copper</b>	<b>Nickel</b>
<b>Beryllium</b>	<b>Iron</b>	<b>Vanadium</b>
<b>Cadmium</b>	<b>Lead</b>	<b>Zinc</b>

The ICP metal scan is especially useful in areas where the specific metals present are unknown (i.e. paint removal operations, demolition, scrap yards etc.).

Air samples are collected on mixed cellulose ester (MCE) filters. We recommend using Ghost wipes for wipe sampling. The cost per air or wipe sample is \$130. Bulk samples can be analyzed for \$160.

The 10 metals included in the Welding/Brazing Fume Scan are:

<b>Aluminum</b>	<b>Iron</b>	<b>Nickel</b>
<b>Cadmium</b>	<b>Lead</b>	<b>Tin</b>
<b>Chromium</b>	<b>Manganese</b>	<b>Zinc</b>
<b>Copper</b>		

The cost for each air or wipe analysis is \$100 per sample. Bulk samples can be analyzed for \$130.

For either scan, additional metals can be analyzed. Please contact the lab if you are requesting analysis of silver with other metals. Silver is incompatible with certain metals and must be analyzed by NIOSH 7300.

EHL provides free filters for air samples and free overnight shipping when sending six or more samples. Please call the lab for filters and pre-addressed prepaid next day mailing labels.

**For more information or to obtain media, contact Jim Kenny at:**

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Organized in 1953, ESIS, Inc. (ESIS) provides sophisticated risk management services designed to reduce claims frequency and loss costs. ESIS' Risk Management Information, Risk Control and Claims services can be used individually or collectively as part of a risk management program. ESIS is part of ACE USA, a U.S.-based retail operating division of The ACE Group of Companies, headed by ACE Limited (NYSE:ACE). ACE USA, through its underwriting companies, provides insurance products and services throughout the U.S. Additional information about ESIS, Inc. and its products and services can be found at [www.esis.com](http://www.esis.com). The ACE Group of Companies provides insurance and reinsurance for a diverse group of clients around the world.