



Subject: Materials and Substances Declaration for Aerospace and Defense

To whom it may concern;

This statement is intended to provide Precision Sensor's response to inquires regarding IAEG (International Aerospace Environmental Group) AD-DSL (Aerospace and Defense Declarable Substances List)


Per the IAEG, "the AD-DSL is a list of substances subject to supplier substance reporting in the aerospace and defense supply chain." Precision Sensors (PSI) is a supplier of electronic equipment with a number of products involved in the aerospace and defense industry. As such, PSI has an obligation to provide substance information for products when requested.

PSI products are electronic or electro-mechanical devices, the majority of which contain some amount of precious metals or leaded solder. Additional chemical substances present on the AD-DSL such as those found in metal platings are reported herein. No radioactive substances or biocides are present in Precison Sensors products.

PSI has received material data from suppliers which contain reports of trace amounts of substances such as mercury. While the concentration is negligible, the substances are included for the purpose of a comprehensive analysis.

The following substances may be contained in trace amounts in Precision Sensors products:

Substance Name	Substance CAS	Typical Use
Lead	7439-92-1	Solder, electrical contacts
Arsenic	744038-2	Metallic plating
Antimony	7440-36-0	Alloying component, metallic plating
Cobalt	7440-48-4	Magnet alloying component, metallic plating
Beryllium	7440-41-7	Magnet alloying component, metallic plating
Cadmium	7440-43-9	Metallic plating
Mercury	7439-97-6	Metallic plating
Gold	7440-57-5	Electrical contact plating
Tin	7440-31-5	Low resistance electrical plating
Tantalum	7440-25-7	Capacitor anode component

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