METALS IN AIR

During manufacturing and processing, metals can aerosolize or produce fumes that contain harmful amounts of hexavalent chromium, tin, titanium dioxide or lead. Exposure to these metals can cause breathing difficulty, eye irritation, damage to internal organs, central nervous system impairment, immune system suppression and other deleterious health effects.

Health and safety professionals in these facilities are challenged to develop safety protocols to ensure their workers operate in a safe working environment. One protocol requires air to be sampled for metal fumes by a qualified Industrial Hygienist, which ensures that monitoring is done properly. Samples must also be collected according to the Permissible Exposure Limits for common metal fumes found in industrial environments. These exposure limits are published by ACGIH in conjunction with OSHA & NIOSH.

HOW CAN BUREAU VERITAS HELP YOU?

Bureau Veritas analyzes air samples for metal fumes using more than 90% of the published NIOSH and OSHA methodologies. Our accredited laboratory uses high-tech equipment including ICP/MS and ICP-OES that can detect as low as 0.5 ng of certain metals, allowing us to provide results with the highest level of accuracy and precision. We also use CVAA technology to detect ultratrace levels of mercury.

Bureau Veritas regularly participates in the Industrial Hygiene Proficiency Analytical Testing (IHPAT) program for metals analysis, ensuring that our test methods are not only accurate but repeatable for clients.

ABOUT US

Bureau Veritas has been a leading provider of Industrial Hygiene analytical services in North America for more than 60 years. Our laboratories have been accredited by the American Industrial Hygiene Association Laboratory Accreditation Program (AIHA-LAP, LLC) since 1974.

Bureau Veritas leverages decades of industry experience to help you reduce your risk and meet or exceed challenges of quality, health and safety, environmental and social responsibility. Our laboratories employ experienced chemists, scientists and Certified Industrial Hygiene professionals.

Clients have to come to rely on Bureau Veritas for our expertise in sampling and analytical methods, reliability, and exceptional customer service. Our service teams have years of combined industry experience, and we’re always available to answer your sampling questions.

FOR DETAILS ABOUT THIS SERVICE, PLEASE CONTACT BUREAU VERITAS

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