

Protect your workers from the threat of Chromium VI

A potential hazard in many workplaces, Chromium VI (Cr VI) is a toxin and carcinogen. With thousands being unknowingly exposed.

WHAT IS CR VI AND WHERE IS IT FOUND?

Chromium VI is a toxic chemical, typically a yellow dust which occurs across industrial processes and products. Products such as paint pigmentation, chromium alloys, calcium containing insulation systems and dyestuffs.

Cr VI dust can be commonly found on high-temperature

insulated parts such as large engines. Deposits can also be found on insulated objects but within the insulation itself and the surrounding area. Inhaling or swallowing a single exposure will irritate the nose, eyes, and skin. Repeated exposure can result in serious disease such as lung

cancer and organ damage.

With no clear substitute and with the HSE stating that occupational exposure must be at as low a level as possible and not just below workplace exposure limits, it is vital that you identify and assess your Cr VI workplace risks and ensure effective controls.

OUR COMPREHENSIVE END-TO-END SOLUTION FOR COMPLETE PROTECTION

When it comes to Cr VI our experts work with you to implement a tried and tested end-to-end solution based upon clear, independent, and professional guidance and a practical approach.

In looking at **risk assessment**, the **evaluation of your current controls** and the **tailoring of solutions to your workplace** allows for swift, bespoke, and effective intervention, protection, and peace of mind.

This solution includes:

- **Thorough site-specific**

questionnaires to effectively audit potential exposure threats in advance of a site visit.

- **Air and surface sampling** including regular readings and instant testing kits to indicate how much Chromium VI workers are exposed to dependent on role, shift period and work area.
- **Provision with recommendations of appropriate solutions.**
- **Specialist engineering advice** relating to controls and the modification of equipment



Cr VI found within insulation

or process.

- **Face fit testing** where respiratory protective equipment (RPE) is required.
- **Laboratory bulk sample testing and reporting**

CHROMIUM VI WORKER AWARENESS AND EDUCATION

Key to managing the threat of Cr VI, is worker awareness and education as this leads to safe working practices and a safety-first culture.

Here at IOM, we offer comprehensive and tailored training modules around COSHH regulations and management processes.

Once completed, your workers will be aware of their own responsibilities when it comes to the correct Chromium VI practices and precautions. The package of modules includes but are not limited to:

- Wearing the appropriate RPE
- Correct use and maintenance of control measures

- How to manage contaminated areas
- Ensuring correct washing prior to eating, drinking, or smoking
- Handling and washing of contaminated clothing
- What to do should exposure occur
- Disposal of waste



A positive test for Cr VI found in insulation

ACT NOW FOR THE FUTURE PROTECTION OF YOUR WORKFORCE

If you do not address the risk and negative health impacts of Chromium VI, the implications for both your workforce and your business could be severe. IOM is in an excellent position to help steer you to a safe and productive future.

Discover more about the professional and evidence-based solutions that IOM offer and ensure you manage the threat of Chromium VI within your workplace from today.

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