

Hexavalent Chromium

On February 27, 2006 OSHA issued a final standard for hexavalent chromium.

The new standard lowers OSHA's permissible exposure limit (PEL) for hexavalent chromium, and for all Cr(VI) compounds to 5 ug/m³ or 0.005 mg/m³ for an 8 hour Time Weighted Average (TWA) exposure.

They have included an exposure-based trigger 8 hour TWA level of one half of the PEL or 2.5 ug/m³, or 0.0025 mg/m³.

In order for LESS to reach these levels the **minimum sampling volume is now 100 liters** of air with a maximum rate of 2L/minute.

This will allow LESS to report down to 2 ug/m³.

If you have any questions regarding the change in policy please contact me through the numbers listed below.

Additional information on the revised standard may be found at the Wisconsin Occupational Health Laboratory's website <http://www.slh.wisc.edu/wohl/>.

Ronald T. Ray Jr.
Program Manager
Laboratory and Equipment Services Section
Management and Technical Services Division
MIOSHA
Department of Labor and Economic Growth
Phone: 517.322.2132
Fax: 517.322.3219
email: rayr2@michigan.gov