

Designated Substances List and Construction Projects

Protect Your Workers...

Protect Your Schedule...

Protect Your Investment...

STOP Work Orders Issued

Did you know that in Southwestern Ontario the Ministry of Labour has issued STOP work orders to several projects because a “**Designated Substance List**” was not available and therefore the proper procedures to protect workers were not in place? These projects included:

- Strip mall renovation, project delayed two months
- New auto dealership, project delayed two weeks
- Commercial building renovation, project delayed three months
- Car wash renovation, project delayed one month

Designated Substance List

The main purpose of the Occupational Health & Safety Act (OHSA) is to protect the health and safety of workers on the job. Under Section 30 of the Act, it is the responsibility of the project “owner” to perform an assessment to determine whether any designated substances are present at the project site and to prepare a list of designated substances that are present, before beginning the project.

Substances of Concern

The major substances of concern are:

Asbestos found in building and pipe insulation, fabricated materials such as gaskets and floor tiles, wall panels, duct wrapping and wallboard joint compounds

Lead found in piping and paints

Silica found in building materials such as bricks, blocks and mortar

Mercury found in lighting ballast, switches and thermostats

Other designated substances and hazardous building materials may also impact the project.

What is the impact?

- Delays = Increased Cost
- Injury/Illness = Increased Compensation Cost and Claims
- On-the-spot offences notices, e.g. fines and/or tickets
- Lost productivity due to absenteeism

Helpful Web Links

www.labour.gov.on.ca/english/hs/ohsaguide/index.html

www.e-laws.gov.on.ca/html/regs/english/elaws_regs_050278_e.htm

**How can
LEHDER Assist?**

LEHDER personnel can assist with the issues of the OSHA Section 30 assessments by:

- Conducting a Designated Substance Assessment to determine if any designated substances, such as asbestos, lead, silica, mercury, etc. are present at the construction site and preparing the designated substance list, and by
- Conducting a Hazardous Building Materials Assessment, e.g. PCB's, mould, man-made vitreous fiber (MMVF), hexavalent chromium, etc. that may impact the project as well.

LEHDER Contacts

For further information or questions, please contact:

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About LEHDER

LEHDER Environmental Services is an environmental consulting company focused on providing Excellence in Industrial Air Quality Services. Formed in 1995, LEHDER is now one of the largest Air Quality Management companies in Canada.

All Air Quality aspects – source testing, emission inventories, air dispersion modeling, data interpretation and approval applications – are managed internally.

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