



# Certified Coating Specialists Inc.

Professionalism in painting, safety, environmental stewardship – realizable value

## Lead Abatement—By the Book



### WHERE IS LEAD FOUND IN INDUSTRY?

- BRIDGES
- TANK FARMS
- PIPELINES
- INDUSTRIAL PLANTS
- POWER GENERATING FACILITIES
- SHIPS AND FERRIES
- WINDOW SILLS AND DOOR FRAMES

**Lead can be found everywhere in our environment.**

### THE IMPACT OF LEAD ON OUR LIVES

Possible effects of lead absorption are anemia, nerve damage causing muscle weakness, kidney damage, high blood pressure and reproductive effects in both men and women. Adverse effects may also occur to a developing fetus (such as low birth weight and developmental delays) when a mother is exposed to even fairly low levels of lead.

If a woman has been exposed to a significant amount of lead before pregnancy, then during pregnancy, lead may come out of the body tissues where it is stored and it may enter the blood and the fetus. Lead is also excreted in breast milk.

Children are considered at higher risk for health problems from lead exposure than adults. In addition to the health problems suffered by adults, children may also have problems with mental and physical development.

**LEAD CAN BE ABSOLUTELY DEVASTATING IF NOT EFFECTIVELY MANAGED**

**C**ertified Coating Specialists Inc. (CCS) is committed to the protection of its employees, other trades working on site and the environment, during lead and other toxic material abatement processes.

The removal of industrial and marine coatings is one of the leading generators of lead waste. Lead has been designated a toxic substance and is therefore a hazardous waste, defined and regulated by the Environmental Protection Act and Waste Management Regulations.

In accordance with the Canadian Environmental Protection Act and OSHA regulations, the **owner/generator** of a hazardous waste is responsible for all aspects of management of hazardous waste, from identification to appropriate disposal.

This is where a **lead abatement program** comes into play. The protection of people and the environment requires effective, knowledge based planning and controlled removal of this hazardous waste.

CCS has the expertise through **trained & certified leadership**, manpower and specialized equipment, to execute any sized lead abatement project, in the most cost effective, safe and timely manner.

### CERTIFIED COATING SPECIALISTS STRIVES TO ADHERE TO ITS ABATEMENT MISSION STATEMENT

**To provide the awareness, education, policies, procedures and oversight to achieve a zero event target in the execution of lead abatement projects.**



Chemical or shrouded vacuum tools can be cost effective when required for the deployment of spot abatement requirements.



UHPWJ (40K) is not blast media reliant, generally lowering containment and waste management costs.



When abatement and profiling is required on larger projects, steel grit recycling minimizes waste management and disposal costs.

## PROPER AND EFFECTIVE LEAD ABATEMENT PLANNING AND EXECUTION CONSIDERATIONS

**Certified Coating Specialists Inc.** has the skill set and expertise to produce a comprehensive lead abatement program that is compliant with all regulatory bodies, within two days of being contracted to do so, for most any project.

**Certified Coating Specialists Inc.** has the trained and certified specialists to execute the program once it is finalized and signed off on by all stakeholders.

**Certified Coating Specialists Inc.** has the right equipment and deployment expertise to execute the work in accordance with CCS's Lead Abatement Mission Statement.

### LEAD ABATEMENT MANAGEMENT PROGRAM

(Sub Title Index for Development of Basic Program)

- MISSION STATEMENT
- STATEMENT OF PURPOSE & RESPONSIBILITIES
- EDUCATION AND TRAINING
- RISK ASSESSMENT AND EXPOSURE CONTROL
- ADMINISTRATIVE CONTROLS
- ENGINEERING CONTROLS
- REFERENCE RESOURCES

CCS is proud to be able to make available for regulatory understanding, plan and program development or auditing the performance of a contractor a continuously updated 1,200 page binder covering all applicable regulations, standards, best practices, training, monitoring and reporting requirements. This binder is made available to any CCS customer that desires access to the research, for any reason.

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