



SERVICES

- ◆ Lead Analysis Utilizing Handheld Nitro XRF Analyzer
- ◆ Hazard Control Plan Development
- ◆ Lead Abatement Monitoring
- ◆ Lead Clearance Testing
- ◆ Collection and Laboratory Analysis of Drinking Water
- ◆ Field Sampling for Lead in Paint, Soil, Water, Air, Steel and Dust
- ◆ Lead Toxicity Risk Assessments
- ◆ Lead Remediation Design and Project Management
- ◆ Observations and Testing During Abatement
- ◆ OSHA Compliance

## Service Overview

Lead-based paint investigations are completed using X-Ray Fluorescence (XRF) spectrum analysis, paint chip samples or chemical spot kits. XRF surveys and inventories are accurate, timely and cost-effective. This method causes little or no damage to existing finishes. The XRF can also sample soils around foundations and structural steel in building components. Paint chip sampling and chemical spot kit tests are also used for testing residential properties. Samples are collected and submitted to a laboratory for analysis. All three methods meet federal lead-based paint testing requirements.

## Experience

The professional staff at Nova includes Certified Industrial Hygienists, licensed lead inspectors and supervisors, certified abatement project designers and registered professional engineers and architects. Nova professionals are trained at the National Institute of Occupational Safety and Health (NIOSH) and the Midwest Center for Occupational Health and Safety.

Nova staff members are familiar with new lead-based paint regulations for residential properties. We have completed numerous lead projects following HUD/FHA, HUD/EPA, Fannie Mae, Freddie Mac and other lender specific requirements. Nova professionals routinely work with and meet federal and state requirements for lead-based paint.

### Brian Meyer

#### Hazardous Materials Group Manager

Mr. Meyer has conducted asbestos building surveys, supervised asbestos abatement projects, provided abatement monitoring and conducted indoor air quality investigations in accordance with all state and federal regulations. As the group manager, he plans, directs and coordinates the activities of a variety of environmental projects to ensure that goals or objectives of the projects are accomplished within prescribed time frames and funding parameters.

Phone: 651-334-8133 | E-mail: [Brian.Meyer@novaconsulting.com](mailto:Brian.Meyer@novaconsulting.com)



LBP Abatement – Automobile Assembly Plant  
Chicago, IL

## CASE STUDY

### Summary:

Installation of a new assembly line at a major motor vehicle assembly facility involved the dismantling and/or disturbance (i.e. welding) of LBP-coated structural steel components throughout several locations in the plant. Nova was retained to design and oversee the “spot” abatement of LBP. The work was designed to ensure minimal interference with ongoing, daily operations at the plant, while still performing the project in a safe and expeditious manner.

### Solution:

This effort complied with Occupational Safety and Health Administration (OSHA) standards, Lead Construction Standards, and applicable sections of the Housing and Urban Development (HUD) LBP guidelines. Nova performed on-site project management, air monitoring and clearance wipe sampling throughout all phases of abatement. Close coordination with several contractors was required to ensure the project was successfully completed on time.

