

Garmong Construction Services					
<i>EMPLOYEE SAFETY POLICY HANDBOOK – LEAD SAFETY</i>					
Last Revised:	January 13, 2012	By:	Doug Mahurin, MS, CSP	This Copy Printed:	1/13/2012 4:02:00 PM

LEAD SAFETY

Garmong Construction Services is not a lead abatement company but does engage in renovation and minor demolition work during normal construction operations. In an effort to protect employees from potentially hazardous working conditions, this lead safety program has been developed and will be implemented as needed for the protection of our employees, protection of the general public, and the protection of our facility owners..

Before any demolition work, renovation work, or construction work involving materials containing lead, is begun, the Project Manager (PM) or Superintendent will notify the Safety Director (SD) who will conduct a Hazard Assessment of the project and the materials involved. This notification to the Safety Director should be given with as much advance notice as possible.

The Hazard Assessment conducted by the SD will include sampling of materials involved in the demolition or renovation to identify any presence of hazardous materials. If any of the materials are found to contain lead, then the project will follow the protocol of this Lead Safety Program. If no hazardous materials are identified during the Hazard Assessment, then written clearance will be returned to the PM and Superintendent from the SD for their records and work may progress as per schedule with personal protection as outlined in that section.

PROGRAM OUTLINE

Employees will be notified of the potential exposure and the steps being taken to prevent any potential employee exposure. At a minimum, the employees will be trained on Lead Hazard Awareness, our Hazard Communication Program, and the elements of this Lead Safety Program.

If the presence of lead is detected in the materials involved in demolition or renovation work, potential employee exposure must be determined and quantified.

1. The SD will be notified of the date and time demolition or renovation work will commence.

2. Personal protective measures will be taken that assume that there is employee exposure until proven otherwise. In the case of lead, employee will be trained on the hazards or working with lead in the environment. Employees will participate in the Respirator Safety Program and wear approved respirators, Tyvek suits, hard hats, safety glasses, and gloves while working. A clean change area will be provided. A negative air pressure work area will be established using plastic temporary walls or other containment devices and the area will be identified with appropriate signage. Hepa vac sweepers will be used to clean up any dust and clean PPE before exiting the work area. Dry sweeping is not allowed. Work procedures will be reviewed to ensure procedures are in place that would minimize any potential employee exposure. Wash facilities will be provided with running water to remove any potential contaminants and a clean lunch/break area will be provided. Smoking is not allowed in the work area and employees must store their cigarettes outside of the work area to prevent the cigarettes from becoming contaminated.

3. Personal air samples will be taken the first day of work by the SD and sent to an accredited laboratory to determine the level of employee exposure. If the results are below the OSHA action level of 30 micrograms per cubic meter of air in an eight hour work day, special precautions may be lifted and work would again progress as per work schedule. If the employee exposure is over the action level, then the special precautions will remain in effect.

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4. If the employee exposure is determined to be at or over the action level, the special safety precautions will remain in place. Additionally, a medical surveillance program will be implemented to determine blood lead levels. Additional periodic air samples will also be taken to monitor and track the level of lead exposure to all employees. Surfaces in the work area will be maintained as free as practical from accumulation of lead dust by vacuuming or other equally effective methods. Hygienic facilities shall be provided to employees to ensure employee compliance and minimize additional sources of lead absorption from inhalation or ingestion of lead. Smoking, eating, and the presence of tobacco and food shall be prohibited.

5. Any employee who tests at or above 50 micrograms of lead per deciliter of blood shall be removed from any work that would exceed the action level or when a medical condition is detected that places him at medical risk of health from further exposure to lead.

6. Debris will be bagged and secured before removing from the work area and placed in appropriate identified hazardous waste containers. The containers will be appropriately maintained and covered when necessary to prevent any potential environmental exposure.

7. Upon project completion, the work area will be cleaned and the cleaning verified by the SD and the PM and/or Superintendent prior to containment removal.

8. Records of exposure monitoring and other data used in exposure assessment shall be kept in the office and made available to employees, their designated representatives, NIOSH and IOSHA upon request.