

## Lead Program

### Select Installers:

- Test Blood lead levels of participants 3 days prior to installation but not more than 1 week prior to installation
  - Blood Level Test results to be filed under Job specific file to be used after installation is complete to compare with initial levels.
  - Installers shall be “Lead Renovators Certified”.

### Material:

- Lead Lined Gypsum Board (thicknesses as approved by Physicist)
- Material to be placed on A-Frame with Plastic draped over Gypsum Lead Panels to prevent lead from touching adjacent objects or persons.
- Lead lined Gypsum Panels to be placed in containment area as designated by Hospital.

### Lead Protection PPE:

- Installers shall wear Double Tyvek Suits
- Latex Gloves (medium duty) shall be worn at all times while handling lead, gloves shall be taped to tyvek suits with Duct Tape.
- HEPA Respirator with interchangeable filters, Fit Tested by a certified testing agency.

### Designated Clean and Containment Area:

- Warning Signs to be placed outside the containment area stating “Lead Installation In Progress”
- Clean change areas are to be used for taking off street clothes, suiting up in clean working clothes (protective clothing), and dressing in street clothes after work. No lead-contaminated items should enter this area.
- Work clothing must not be worn away from the jobsite. Under no circumstances should lead-contaminated work clothes be laundered at home or taken from the worksite, except to be laundered professionally or properly disposed of following applicable federal, state and local regulations.
- Personal practices (eating, drinking, etc.): The employer must ensure that employees who work with lead either clean or remove their protective clothing and wash their hands and face prior to eating, drinking, smoking or applying cosmetics. These latter practices are never permitted while in the work area or in areas subject to the accumulation of lead. HEPA vacuuming can be used to remove loose contamination from the work clothing prior to eating.
- Contaminated water from washing facilities and showers must be disposed of in accordance with applicable federal, state and local regulations (water to be placed in 55 gallon drum designated for lead waste).

- End-of-day procedures: Workers who are exposed to lead should follow these procedures upon finishing work for the day:
  - Place disposable coveralls (tyvek suits, latex gloves) into containers designated for lead waste. (55 gallon drum labeled “Hazardous lead waste” to be provided by Lend Lease) closed container to have a lock lid.

#### Lead Lined Gypsum Board Installation:

- Prior to lead gypsum board installation, Air Monitoring samples shall be taken during the actual installation process
  - Monitored samples shall be documented as a baseline for future installations if baseline levels have not been established.
  - Air Quality Monitoring and Lead Levels shall be tested by a certified testing agency.
- All lead gypsum installation to be installed with hand tools (Drywall knife, keyhole saw, screw guns and hammer for lead plugs).

#### Lead Brick Cutting:

- Cut with bandsaw inside tent wearing PPE and using air machine.

#### Lead Disposal:

- All Lead exposed items, lead debris and water shall be placed in designated lock drum labeled “Hazardous Lead Waste”
- Drum shall be tested for lead levels to determine proper disposal options.