

PARC Specialty Contractors

1400 Vinci Avenue ■ Sacramento, California 95838
Phone (916) 992-5405 Fax (916) 992-6177

JAMES MANGAN PARK RIFLE & PISTOL RANGE 2140 34TH AVE SACRAMENTO, CA 95822

DIRECTIVE #3 EXTERIOR ROOF & HARD SURFACE LEAD COMPLIANCE WORK PLAN

**May 9, 2016
Revised May 25, 2016**

To:

Karl Kurka
City of Sacramento

Contractor:

PARC Specialty Contractors
1400 Vinci Ave.
Sacramento, Ca. 95838
(916) 992-5405

A. Notifications:

Notification will be sent to OSHA and Sacramento County EMD if there is more than 100 sf of lead disturbance on this job. The notification will be sent at least 24 hours prior to the disturbance. No other notifications or permits are needed for this work. These notifications will be forwarded to the City when the schedule has been established.

B. Postings

All required postings will be in a clearly visible area at the project site. These include requirements by the U.S. Department of Labor and the U.S. EPA. In addition, OSHA lead warning signs and barrier tape will be posted to demarcate the lead work area to keep out all non-lead trained persons. All postings will be installed to the satisfaction of EMD.

C. Scope Of Work

To remove and dispose of all leaves and loose debris on the roof edges and gutters around the perimeter of the building. To remove loose, visible debris on the gun range portion of the roof only. Leaves and debris will be removed by hand method with shovels and other similar tools. Materials will be shoveled directly into 6 mil bags which will then be placed in DOT approved drums. Following the gross removal of debris, the roof will be HEPA vacuumed. Following the cleaning of the roof, they will then be sprayed with Fiberlock Grip-Tack or equivalent. Grip-Tack will be applied per manufacturer's recommendation and include two coats. If any other

DOSH # 661 • Hauler Registration #132075 • EPA #CAR000068411
CAL Lic.# 732375(A,B,C2,C21,C33,C39,ASB,HAZ,HIC) • NV Lic.# 0047599 (A22,A23)

24 hour Emergency Hazardous Material Clean-up & Disposal • Asbestos & Lead Abatement

PARC Specialty Contractors

1400 Vinci Avenue ■ Sacramento, California 95838
Phone (916) 992-5405 Fax (916) 992-6177

methods or materials are used they will first be submitted to Sacramento County EMD for approval.

The manufacturer specified that the Grip-Tack is the best product to adhere to the rolled asphalt built up roof system. SDS is attached.

In addition to sealing roof vents the City will implement procedures for entry and exit from the building to prevent lead dust from escaping to the environment. Entry and exit will be restricted to the west entry door. Booties and gloves will be the minimum requirement for entry and disposal upon exit. A drum, per Section J, will be placed for disposal of PPE. Signage will be posted on the door. All persons entering the site must be accompanied by City staff trained on the procedures.

Hard surfaces and soil removal will be addressed in a work plan by Stantec.

D. Work Area and Material Containment

Perimeter fencing with warning signs has been erected around the site including a locked access gate at 34th Ave entrance. Any access ladders to the roof will also have additional lead danger signs and lead barrier tape.

E. Personnel Decontamination Unit

A personnel wash and decontamination area will be set up at the ingress and egress of the site. Area will be on a poly drop sheet and consist of HEPA vacuum and wash water/towels to clean personnel, respirators and equipment.

F. Personal Protective Equipment

Workers will not contact lead containing materials without wearing a minimum of a half-face respirator with dual HEPA filter cartridges, rubber gloves and a full head/body disposable suit, which includes booties.

G. Abatement Procedures

Leaves and debris will be removed by hand method with shovels and other similar tools. Materials will be shoveled directly into 6 mil bags which will then be placed in DOT approved drums. Following the gross removal of debris all these hard surfaces will be HEPA vacuumed. Following the cleaning all of these areas will then be sprayed with Fiberlock Grip-Tack or equivalent. Grip-Tack will be applied per manufacturer's recommendation and include two coats. If any other methods or materials are used they will first be submitted to Sacramento County EMD for approval.

H. Work Practices and Training

All PARC employees are trained in lead in accordance with 29 CFR 1926.62 Lead in Construction and in accordance with 29 CFR 1910.134 Respiratory Protection specifically for lead hazards. The workers will not eat, drink, or smoke inside the perimeter fence. The work area and applicable adjoining areas will be kept in an orderly manner. Debris will not be left on the ground and shall be removed at the end of each shift using a HEPA filtered vacuum.

DOSH # 661 • Hauler Registration #132075 • EPA #CAR000068411
CAL Lic.# 732375(A,B,C2,C21,C33,C39,ASB,HAZ,HIC) • NV Lic.# 0047599 (A22,A23)

PARC Specialty Contractors

1400 Vinci Avenue ■ Sacramento, California 95838
Phone (916) 992-5405 Fax (916) 992-6177

I. Air Monitoring

PARC Specialty Contractors (PARC) will conduct personal air monitoring as required in 29 CFR 1910.1025. Personal air monitoring will be conducted using battery operated personal air sampling pumps collecting air onto 0.8 micron mixed cellulose ester (MCE) filters housed in a 37 mm cassette at a flow rate of 1-4 liters/minute. The flow rates of the sampling pumps will be checked before and after sample periods from each worker using a calibrated rotameter that was previously calibrated against a primary standard. A minimum of two personal air samples will be collected on each work shift and one blank filter cassette will also be submitted each day. All personal air samples will be submitted to EMSL, a laboratory that is AIHA accredited for lead analysis by NIOSH Method 7082. Results of the personal sampling will be available within 24 hours of receipt by PARC from the laboratory.

J. Waste

Suits, respirator filters, wipe towels and poly debris will be placed into six mil plastic bags in the work area and transported to a DOT approved metal drum in the building. Drums will be properly labeled as soon as the first waste is added to the drum. Drum will be left in building for disposal during later remediation activities but will not exceed the timeframes pursuant to CCR 22, section 66262.34. The waste will be characterized, stored, handled and disposed pursuant to CA Health and Safety code, Division 20, chapter 6.5.

K. Emergency Plan

Spill control will be done by having a constant supply of materials and equipment to deal with unexpected hazards. HEPA filtered vacuums, disposable towels, Hudson sprayers with water and PPE will always be on site to contain and clean up any accidental spills. In the event of any emergency, the onsite supervisor will dial 911 for fire and medical emergencies and assist first responders with access. In addition, in the event of any emergencies, PARC will notify the City of any accidents. The City will immediately notify Sacramento County EMD of any notifications.

Prepared by John W Kimmel
Vice President

Signed this 25th day of May, 2016

**John W
Kimmel**

Digitally signed by John W Kimmel

DN: cn=John W Kimmel, o=PARC
Specialty Contractors, ou,
email=jkimmel@parcspecialty.com,
c=US
Date: 2016.05.25 04:28:12 -07'00'