

## Attachment C Construction Safety Risk Assessment Checklist

### Construction Safety Risk Assessment Checklist, VA Salt Lake City Healthcare System

Project Name: Genomics

Project Number: 660-334

Date: 8/16/2016

Project Manager: Gregg Palacios

Hazard Likelihood: High: 76% - 100%

Medium: 51% - 75%

Low: 0% - 50%

Identify Hazards	Evaluator	Is Hazard Likely? H-M-L	Severity H-M-L	Mitigation Needed? Y/N	Mitigation Strategies	Mitigation Strategies Implemented?	Comments
Hazard Communication	CLA	H	M	Y	Maintain SDS' and review at the beginning of the project. Review as necessary when activities change.		
Respiratory Protection	CLA	L	L	N			
Personal Protective Equipment	CLA	H	H	Y	Personal protective equipment shall be needed in accordance with the job hazard analysis (risk assessment) for each activity.		
Fire Protection	CLA	M	M	Y	Control accumulation of combustible materials. Maintain good housekeeping. Make fire extinguishers available on every floor - inspect monthly. Hot work permits are needed for any open flames to include space heaters.		
Traffic Control & Site Security	CLA	H	H	Y	Barricade area. Restrict access to construction workers and VA authorized personnel.		
Wire Rope and Rigging Equipment	CLA	H	H	Y	Inspect prior to use. Wire rope and rigging required capacity labels.		
Demolition	CLA	L	L	N			

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Hand and Power Tools	CLA	H	H	Y	Inspect prior to use. Use double insulated or grounded power tools.		
Electrical	CLA	H	H	Y	Inspect extension cords prior to use. Replace if insulation is damaged or when wiring is exposed.		
Lockout / Tagout Electrical	CLA	M	M	Y	Use lock and tags on energy isolating equipment if employees are exposed to hazardous energy sources.		
Lockout / Tagout Med Gas or Oxygen	CLA	L	L	N			
Lockout / Tagout Other Systems (Specify)	CLA	L	L	N			
Welding and Cutting	CLA	H	H	Y	Obtain hot work permit for all cutting and welding. Use fire blankets as required. Use welding curtains to protect employees in adjacent work areas.		
Confined Spaces	CLA	L	L	N			
Tunnels and Shafts	CLA	L	L	N			
Identify Hazards	Evaluator	Is Hazard Likely? H-M-L	Severity H-M-L	Mitigation Needed? Y/N	Mitigation Strategies	Mitigation Strategies Implemented?	Comments
Process Safety Management - Piping Systems	CLA	L	L	N			
Cranes and Hoists	CLA	H	H	Y	Submit lift plan to safety for approval prior to performing the lift. Isolate the area. Personnel in the vicinity shall wear high visibility vests and hard hats as a minimum.		

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Steel Erection	CLA	H	M	Y	Secure unused equipment, tools and materials while aloft so they do not fall. Bar other construction processes below steel erection activities, unless overhead protection for employees working below is provided. Structural stability must be maintained at all times during the steel erection process.		
Fall Protection	CLA	H	H	Y	Use fall arrest systems when working over 6 feet. During steel erection work, employees who are on a walking/working surface with an unprotected edge more than 15 feet above a lower level must be protected by conventional fall protection. Guardrail systems, safety-net systems, personal fall-arrest systems, positioning-device systems and their components must conform to the criteria in 29 CFR 1926.502.		
Scaffolds	CLA	H	H	Y	Scaffolds shall be built by a competent person and tagged. Inspect daily.		
Ladders	CLA	H	H	Y	Inspect daily. Secure extension ladders. Use the 4 to 1 rule with at least a 3 foot extension above top edge of support structure.		
Trenching and Excavation	CLA	H	H	Y	Obtain permit prior to excavating deeper than 5 feet.		
Motor Vehicles, Earthmoving, and Mechanized Equipment	CLA	H	M	Y	Vehicles shall be inspected daily of before each use. Motorized vehicles shall not be used in close proximity to excavations.		

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Concrete and Masonry	CLA	H	M	Y	Use dust masks if cutting concrete or masonry. Wear rubber boots, hardhats and safety glasses when working with wet concrete.		
Lead, Asbestos, and Silica	CLA	M	M	Y	Exterior walls potentially have asbestos containing mastic, pipe insulation and floor tiles also contain asbestos. Review survey maps before demolition activities. Abatement required if asbestos may be disturbed.		
Utility Interruptions	CLA	L	L	N			
Dust	CLA	M	M	Y	Install barriers when working near occupied spaces. Use dust masks when generating dust in the work area. Control dusts as needed for excavation work.		
Moisture/Water Leaks	CLA	L	L	N			
Vapors/Fumes	CLA	L	L	N			
Noise	CLA	M	M	Y	Use hearing protection when operating power equipment.		
Identify Hazards	Evaluator	Is Hazard Likely? H-M-L	Severity H-M-L	Mitigation Needed? Y/N	Mitigation Strategies	Mitigation Strategies Implemented?	Comments
Vibration	CLA	L	L	N			
Open Outside Walls	CLA	M	M	Y	Use barrier when opening outside wall of existing structure.		
Impact to Levels Above and Below	CLA	L	L	N			

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Proximity of Air Intakes	CLA	M	M	Y	Use barriers or add filters to air intakes of the existing structure when activities generate fumes or dusts near the intakes.		
Pest Control within Construction Area	CLA	L	L	N			

Approval Signatures:

Project Manager:

Date:

Contractor:

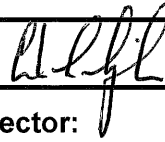
Date:

Safety Manager:

Date:

Svc./Section/Program Director:

Date:

 CARLOS L. AGUILAR

9/15/16