

Activity Hazard Analysis (AHA)

Activity/Work Task: Light Steel Framing	Overall Risk Assessment Code (RAC) (Use highest code)					
Project Location: Emeryville - MOB	Risk Assessment Code (RAC) Matrix					
Contractor: Emeryville Framing Studs	Severity	Probability				
Date Prepared: 1/1/2017		Frequent	Likely	Occasional	Seldom	Unlikely
Prepared by (Name/Title): George Foreman, Safety Manager	Catastrophic	E	E	H	H	M
	Critical	E	H	H	M	L
Reviewed by (Name/Title): Steve Young, Foreman	Marginal	H	M	M	L	L
	Negligible	M	L	L	L	L
Notes: (Field Notes, Review Comments)	Review each "Hazard" with identified safety "Controls" and determine RAC (See above)					
	"Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent, Likely, Occasional, Seldom or Unlikely.				RAC Chart	
	"Severity" is the outcome/degree if an incident, near miss, or accident did occur and identified as: Catastrophic, Critical, Marginal, or Negligible				E = Extremely High	
					H = High Risk	
	Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on AHA. Annotate the overall highest RAC at the top of AHA.				M = Moderate Risk	
				L = Low Risk		

Job Steps	Hazards	Controls	RAC
Material Offloading and Hoisting (Forklift and Crane Operations)	Materials falling from overhead, being crushed by loose materials, being pinched between equipment, injury to foot and vehicle traffic nearby, damaging other trades	<ul style="list-style-type: none"> Ensure crane and pick areas are barricaded if hoisting up side of building. Place barricades around pinch points of crane. Only the qualified rigger must select and review the rigging prior to lift. Rigging materials must be inspected prior to lift. Spotters must be used at both ground and level material will be delivered to. Radio communication between spotters and crane operator must be maintained. Complete Crane Inspection Checklist. Maintain clearance from overhead obstructions. Review load charts and load prior to lift. Only trained fork lift operators may operate fork lift. 	M

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		<ul style="list-style-type: none"> • Spotters must be used for fork lift use. • Review the area materials are being staged and path in between for obstructions. • Seatbelt must be worn while operating fork lift. • Inspect forklift prior to use. Complete daily inspection form. 	
Material Staging	Trip Hazards, injury to foot and vehicle traffic nearby, damaging other trades, failed equipment	<ul style="list-style-type: none"> • Ensure staging space is clear prior to staging materials. • Organize materials in a neat and orderly fashion. • Cone off area in high traffic areas. • Spotter required while operating the forklift. • Inspect forklift prior to use. Complete daily inspection form. • All PPE must be worn while staging materials. Including vest, glasses, gloves, and proper attire. 	L
Manlift Operation	Falling from lift, lift tipping over, lift failing, being pinched near lift	<ul style="list-style-type: none"> • Complete daily inspection • Fall protection system must be worn at all times. • Review path of operation for obstructions or falling hazards. • Review overhead obstructions and contact foreman about exposed utilites. • Maintain safe distance from leading edges; if near edges fall protection must be attached to an approved anchor point not on lift. • Do not modify lift from manufacturers recommendations 	M
Small Tool Operation	Hand or body injury, electrocution, equipment failure, damaging house power, spark injury	<ul style="list-style-type: none"> • All PPE must be worn while operating tools. Including vest, glasses, gloves, and proper attire. • Inspect tools, cords, and power source prior to use. Remove any damaged pieces from use. • If plugged into house power then GFI adapter must be used. • While cutting studs a face shield must be worn. • Ensure hot work permit is completed prior to beginning any hot work; including cutting or grinding. • Do not modify the tools from manufacturer instructions. • Only use the tool per the manufacturer recommendations. 	L
Ladder Use	Falling, ladder failing, overhead obstructions, damaging other trades, electrocution	<ul style="list-style-type: none"> • All PPE must be worn at all times. Including vest, glasses, gloves, and proper attire. • Inspect ladder prior to use. Rating labels are required. 	L

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		<ul style="list-style-type: none"> Type 1 ladders at minimum are required. No wood or metal ladders are allowed. Use ladder per manufacturer recommendations. Maintain the belt buckle rule. Review overhead obstructions prior to placing ladder. Ensure any existing systems are not exposed or ensure it is safed off. 	
Framing Installation (Includes Cutting, Measuring, Assembly, etc.)	Damaging other trades, pinch and cut injuries, injury from heavy lifting	<ul style="list-style-type: none"> All PPE must be worn at all times. Including vest, glasses, gloves, and proper attire. Review the area prior to install to ensure other trades are not conflicting with work area. Barricade with danger tape as needed to ensure traffic is eliminated. Use forklift as needed for heavy lifts. 	L

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Equipment to be Used	Training	Inspection Requirements
Fork Lift	Forklift Comprehensive Training	Daily; prior to use
Small Tools	Weekly toolbox talk	Daily; prior to use
Small Crane	Qualified Crane Operator Qualified Rigger	Daily; prior to use
Scissor Lift	Scissor Lift Comprehensive Training	Daily; prior to use

Activities Requiring a Competent or Qualified Person – Attach Proof of Competency	
Activity	Designated Competent or Qualified Person
Load Rigging	Frank Scott; Qualified Rigging Professionals
Fork Lift Operation	Steve Young, Foreman

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Scissor Lift Operation	Steve Young, Foreman

Signatures / Verification of Review		
Name (Print)	Signature	Date

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AHA Modified and Reviewed		
Name (Print)	Signature	Date

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