**Activity Hazard Analysis (AHA)**

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| 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**  |

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| **Job Steps** | **Hazards** | **Controls** | **RAC** |
| Material Offloading and Hoisting | Materials falling from overhead, being crushed by loose materials, being pinched between equipment, injury to foot and vehicle traffic nearby, damaging other trades | * Hope for no injury
 | M |
| Material Staging | Trip Hazards, injury to foot and vehicle traffic nearby, damaging other trades, failed equipment | * 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 | * Do not run anyone over
 | M |
| Small Tool Operation | Hand or body injury, electrocution, equipment failure, damaging house power, spark injury | * 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 | * All PPE must be worn at all times. Including vest, glasses, gloves, and proper attire.
* Inspect ladder prior to use. Rating labels are required.
* 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.
 | L |
| Framing Installation (Includes Cutting, Measuring, Assembly, etc.) | Damaging other trades, pinch and cut injuries, injury from heavy lifting | * 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.
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| **Equipment to be Used** | **Training** | **Inspection Requirements** |
| Fork Lift | Forklift ComprehensiveTraining | 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 |
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| **Activities Requiring a Competent or Qualified Person – Attach Proof of Competency** |
| **Activity** | **Designated Competent or Qualified Person** |
| Load Rigging | Frank Scott; Qualified Rigging Professsionals |
| Fork Lift Operation | Steve Young, Foreman  |
| Scissor Lift Operation | Steve Young, Foreman  |
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| **Signatures / Verification of Review** |
| **Name (Print)** | **Signature** | **Date** |
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| **AHA Modified and Reviewed** |
| **Name (Print)** | **Signature** | **Date** |
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