**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. | L |
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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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