

Activity Hazard Analysis (AHA)

Activity/Work Task: GFRC Erection	Overall Risk Assessment Code (RAC) (Use highest code)					
Project Location: Irvine, California	Risk Assessment Code (RAC) Matrix					
Contractor: Precast Erectors	Severity	Probability				
Date Prepared: July 2, 2015		Frequent	Likely	Occasional	Seldom	Unlikely
Prepared by (Name/Title): James Barker / Project Manager	Catastrophic	E	E	H	H	M
	Critical	E	H	H	M	L
Reviewed by (Name/Title):	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 and Regulatory Reference	RAC
1. All personnel are available for the operation	1. Personnel who is not trained properly in equipment usage can potentially damage material or cause injuries	1. All personnel is to be properly trained on the equipment that they will be using	L
2. Mobilize employees and equipment in the work areas.	2. Potential unsafe conditions:	2. Ensure that:	L
	a. Improper transportation of equipment may cause injury or material damage	a. All equipment is properly secured.	L
	b. The use of hazardous vehicles may cause injury or damage	b. Inspect vehicles before each use on a daily basis and remove vehicles from service which are deemed unsafe.	L
	c. Drivers not being trained or licensed	c. Ensure that all drivers are trained and licensed before the use of equipment.	L

This AHA has been reviewed by Hensel Phelps for general compliance with the jobsite safety requirements. The Hensel Phelps review, however, does not relieve Subcontractor of the responsibility for compliance with all applicable safety laws, regulations, ordinances, and contractual requirements. Subcontractor is responsible for reviewing this AHA with all personnel involved with the Definable Feature of Work (DFOW) on a regular basis and must notify Hensel Phelps and adjust the AHA as necessary whenever the plan for performing the DFOW is modified or following an unplanned event.

	d. Falling objects may cause head injuries	d. Ensure that all personnel are wearing their hard hats at all times.	
3. Prepare area for Work	Potential Hazards in Work Area: a. Flammable or combustible material b. Flying hazards, such as dust or particles that may cause eye irritation	Ensure that: a. If required obtain a hot work permit if hot work will be performed b. All personnel is to wear safety glasses at all time	L L L
4. Perform Work			
	Strains	Proper lifting techniques shall be used to avoid strains and other injuries	L
	Falling objects, debris, and excessive noise occurring when performing the work	Ensure that all personnel are wearing the required PPE such as hard hats, steel toe boots, gloves, and safety glasses	L
5. Demobilize	Material or equipment that is not transported properly can cause injury	Ensure that all equipment is secured properly	L
	Objects falling from elevations	Ensure that all personnel are wearing the required PPE such as hard hats, steel toe boots, gloves, and safety glasses.	L
	Unlicensed drivers may cause injury or damage	All equipment operators must be qualified to use the equipment	L

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Equipment to be Used	Training	Inspection Requirements	
Cargo Truck Welding Machine Crane and Rigging Boomlift Scissorlift Fall protection Ladders	CDL Worker Safety Orientation Training Certified Welders Certified Operator and Flaggers/Riggers Certified Operators Certified Operators Fall Protection Testing	Daily Vehicle Inspection Daily Inspection of Leads Daily Inspection of Crane and Rigging Daily Pre-work Area Inspection and Equipment Inspection Daily Pre-work Area Inspection and Equipment Inspection Daily Pre-work Area Inspection and Equipment Inspection Daily Inspection Daily Inspection Daily Inspection	
Welding Machine			
Boomlift			

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Activities Requiring a Competent or Qualified Person – Attach Proof of Competency		
Activity	Designated Competent or Qualified Person	
Signatures / Verification of Review		
Name (Print)	Signature	Date

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AHA Modified and Reviewed		
Name (Print)	Signature	Date

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