# Overview:

A **Job Safety Analysis** identifies hazards associated with each step of any job or task that has the potential to cause serious injury, determines how to control the hazards, produces a written tool that can be used to train other staff, and meets Cal/OSHA training requirements by developing procedures and work rules that are *specific for each job or task*. **For more information, see:** [**Job Safety Analysis Fact Sheet**](https://ehs.berkeley.edu/sites/default/files/job-safety-analysis-fact-sheet.pdf).

# Instructions:

Use the blank JSA template and instructions below to create a Job Safety Analysis. It is likely that each item written down will change in sequence or be re-defined during the process. To update the header and footer, double click in the dark blue sections at the top or bottom of a page and make your updates. You must make the changes to the header and footer on both the first page AND on any page other than the first page (e.g. the second page).

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| --- | --- | --- |
| 1. **Prepare work area**
 | * 1. **Injuries to operator**
 | * + 1. **Inspeaction**Visual inspection and operational check of aerial lift
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|  | * 1. **Injuries to bystanders**
 | * + 1. **Audible warning**Warn people in work area
		2. **Protect area**Utilize barricades, cones, or caution tape to keep bystanders a safe distance from job
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|  | * 1. **Damage to equipment**
 | * + 1. **Secure Equipment**Position lift away from traffic, building overhangs, and power linesLevel truck base and block wheels
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| 1. **Operate lift**
 | * 1. **Falling**
 | * + 1. **Secure operator**Use a body belt and personal lanyard anchored to boom
		2. **Weight restrictions**Never exceed the posted lift capacity (including worker, material, and tools)Never use lift as a crane or hoist to lift or lower materials
		3. **Eyes forward**Always look in the direction of travel of the bucket when operating liftNever run boom or bucket into conductors, cables, poles, trees, etc
		4. **Stationary Vehicle**Never move the lift truck when the boom is elevated in a working position with an operator in the bucket
		5. **Utilize tools or call for repairs**No part of the body shall be used to locate or to attempt to stop a hydraulic leak
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|  | * 1. **Eye, hand, arm injuries to operator**
 | * + 1. **PPE**Wear hard hat, gloves, and safety glasses.
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|  | * 1. **Electrical injuries to operator**
 | * + 1. **Be aware of surroundings**Maintain a minimum clearance of 10 feet from energized conductors rated 50kV phase-to-phase or lessFor lines rated over 50kV phase-to-phase, the minimum clearance shall be 10 feet plus 4/10 inch for each kilovolt greater than 50 kV phase-to-phase
		2. **DANGER**Insulated buckets do not protect operators from other electrical paths to the ground, such as those through trees, through a guy wire, or the path from one phase wire to the second phase wire, any one of which can be fatal.
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| **Required Training:** (1) Operation of aerial lift, (2) Electrical safety, (3) Fall protection**Required Personal Protective Equipment (PPE):**Hard hat, Gloves, Safety glasses, Body belt, Lanyard |