

JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

FACILITIES SERVICES

WORKING IN MANLIFT (AERIAL LIFT)

TASK	HAZARDS	CONTROLS
1. Prepare work area.	Injuries to operator, co-workers, and bystanders	<p>Warn people in work area; utilize barricades, cones, or caution tape to keep bystanders a safe distance from job; position lift away from traffic, building overhangs, and power lines; level truck base and block wheels.</p> <p>Visual inspection and operational check of aerial lift</p>
2. Operate lift.	Falling injuries	<p>Secure operator with a body belt and personal lanyard anchored to boom.</p> <p>Never exceed the posted lift capacity (including worker, material, and tools).</p> <p>Never use lift as a crane or hoist to lift or lower materials.</p> <p>Always look in the direction of travel of the bucket when operating lift; never run boom or bucket into conductors, cables, poles, trees, etc.</p> <p>Never move the lift truck when the boom is elevated in a working position with an operator in the bucket.</p> <p>No part of the body shall be used to locate or to attempt to stop a hydraulic leak.</p>
	Eye, hand, arm injuries to operator	Wear hard hat, gloves, and safety glasses.

<p>Other Information: Contributors: Created: JSA Library Number:</p>		<p>Electrical injuries to operator.</p>	<p>Maintain a minimum clearance of 10 feet from energized conductors rated 50kV phase-to-phase or less; for 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.</p> <p>WARNING: 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.</p>	
	<p>Required Training:</p> <ol style="list-style-type: none"> 1. Operation of aerial lift 2. Electrical safety 3. Fall protection 	<p>Required Personal Protective Equipment (PPE)</p> <ol style="list-style-type: none"> 1. Hard hat 2. Gloves 3. Safety glasses 4. Body belt 5. Lanyard 		
	<p>Senior EH&S Technician Jim Ostdick; Arborist Jason Thurm; Lead Arborist Doug Labat April 2003 FS-GRND-59</p> <p>For more information about this JSA, contact the <i>Office of Environment, Health and Safety</i> at UC Berkeley, 317 University Hall #1150, Berkeley, CA 94720-1150 (510) 642-3073 ● http://www.ehs.berkeley.edu</p> <p><i>The development of Job Safety Analyses is a Balanced Scorecard initiative of the AVC-BAS Safety Committee, sponsored by the Associate Vice Chancellor-Business and Administrative Services (AVC-BAS) and the AVC-BAS Leadership Team ● http://bas.berkeley.edu/balancedscorecard</i></p>			