



LAUSD-OFFICE OF ENVIRONMENTAL HEALTH AND SAFETY

JOB SAFETY ANALYSIS OPERATING AN EXTENSION LADDER

General Precautions: Do not use equipment within 10 feet of power lines. Do not use metal ladders for electrical work. Do not exceed maximum load of the ladder.

Required Personal Protective Equipment (PPE)*

Safety vest and work boots

Required Training

Ladder use, PPE



*Additional training and PPE may be required depending upon the scope of the activities to be performed. All construction areas must be demarcated and barricaded.

TASK	HAZARDS	CONTROLS																		
1. Equipment inspection	Falls Strain Pinch points	<p>Inspect the ladder before each use.</p> <p>Ensure that steps, rungs, rung-locks, safety feet, and side rails are functional and in good condition.</p> <p>Ensure rivets on metal ladders are in good condition.</p> <p>Know the Duty Rating on the ladder and do not exceed the working load.</p> <table border="1"> <thead> <tr> <th>Duty Rating</th> <th>Ladder Type</th> <th>Working Load (pounds)</th> </tr> </thead> <tbody> <tr> <td>Special Duty</td> <td>1AA</td> <td>375</td> </tr> <tr> <td>Extra Heavy-Duty</td> <td>1A</td> <td>300</td> </tr> <tr> <td>Heavy-Duty</td> <td>I</td> <td>250</td> </tr> <tr> <td>Medium-Duty</td> <td>II</td> <td>225</td> </tr> <tr> <td>Light-Duty</td> <td>III</td> <td>200</td> </tr> </tbody> </table> <p>Do not use a ladder that is damaged or that does not have a Duty Rating decal.</p> <p>Never modify or attempt to repair a damaged ladder.</p> <p>Never take apart a double section ladder to use a single section of the ladder.</p> <p>Ensure that the ladder is equipped with a functional minimum-overlap stop mechanism.</p>	Duty Rating	Ladder Type	Working Load (pounds)	Special Duty	1AA	375	Extra Heavy-Duty	1A	300	Heavy-Duty	I	250	Medium-Duty	II	225	Light-Duty	III	200
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2. Preparing for work	Falls Electrocution Strain Pinch points	<p>Scan the work area for electrical lines; do not set up or work within 10 feet of electrical lines. Extension ladders can be heavy and difficult to set up. Ask for assistance when needed.</p> <p>Utilize proper lifting technique when moving and setting up ladders.</p> <p>Do not place ladders in passageways, doorways, driveways, or any location where they may be displaced unless protected by barricades or guards.</p> <p>Place ladder on a clean (i.e., free of gravel or other slippery material) level surface before use, or, if equipped with adjustable feet make adjustments so that the ladder is not leaning.</p> <p>Do not stack anything under the feet for leveling.</p> <p>Utilize a 4 to 1 slope ratio when setting up the ladder. For every 4' in height, set the base 1' away from the wall.</p> <p>Extend ladders a minimum of 3 feet above the landing when using at a point of access to an upper level. Ensure that the rung-locks are fully engaged/properly seated.</p> <p>Be sure to tie off the ladder whenever possible.</p> <p>Do not exceed the manufacturer's listed working load/duty rating (tools, materials + body weight).</p>
3. Operating equipment (using the ladder)	Falls Laceration Impalement Electrocution	<p>Maintain 3-points of contact when climbing; two feet, one hand, or, two hands, one foot.</p> <p>Do not carry tools or material while climbing. Use a rope and bucket to hoist tools and materials to upper levels, or use a tool belt for smaller items.</p> <p>Climb or work with the body near the middle of the step or rung, do not overreach from this position.</p> <p>Ladders shall not be moved or extended while occupied.</p> <p>Ask for assistance when needed.</p>

I have received, read and understood the contents of this JSA and have also acquired the aforementioned required training.

NAME:	
DEPARTMENT:	
JOB TITLE:	
EMPLOYEE ID:	
DATE:	
SIGNATURE:	

For more information about this JSA, contact the *Office of Environment, Health and Safety* at LAUSD, 333 South Beaudry Avenue, 21st Floor, Los Angeles, CA-90017
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