

## Accident Cause Analysis Flow Chart

ACCIDENTS	IMMEDIATE CAUSES	BASIC CAUSES	MANAGEMENT ISSUES
<p><u>Basic Types</u></p> <ol style="list-style-type: none"> <li>1. Struck By</li> <li>2. Struck Against</li> <li>3. Contact With</li> <li>4. Caught On</li> <li>5. Caught In or Between</li> <li>6. Fall on Same Level</li> <li>7. Fall From Different Level</li> <li>8. Exposure</li> <li>9. Overexertion</li> <li>10. Other</li> </ol>	<p><u>Unsafe Acts</u></p> <ol style="list-style-type: none"> <li>1. Operating without authority</li> <li>2. Failure to warn or secure</li> <li>3. Operating at unsafe speed</li> <li>4. Using equipment improperly</li> <li>5. Moving without looking</li> <li>6. Improper lifting</li> <li>7. Failure to use PPE</li> <li>8. Horseplay</li> <li>9. Operating under the influence</li> <li>10. Distracted walking/driving</li> <li>11. Unauthorized use of electronic devices</li> <li>12. Attempting to detain</li> <li>13. Failure to follow safety procedures</li> </ol> <p><u>Unsafe Conditions</u></p> <ol style="list-style-type: none"> <li>1. Defective equipment or material</li> <li>2. Congestion or inadequate work space</li> <li>3. Fire &amp; explosion hazards</li> <li>4. Unexpected movement hazards</li> <li>5. Projection hazards</li> <li>6. Poor housekeeping</li> <li>7. Hazardous environmental conditions</li> <li>8. Hazardous placement or storage</li> <li>9. Inadequate ventilation</li> <li>10. Inadequate illumination</li> <li>11. Unsafe personal attire</li> <li>12. Uneven pavement</li> </ol>	<p><u>Personal Factors</u></p> <ol style="list-style-type: none"> <li>1. Lack of knowledge or skill</li> <li>2. Improper motivation attempting to:               <ol style="list-style-type: none"> <li>a) Save time or effort</li> <li>b) Avoid discomfort</li> <li>c) Attract attention</li> <li>d) Assert independence</li> <li>e) Seek group approval</li> <li>f) Express hostility</li> </ol> </li> <li>3. Physical or mental problem</li> <li>4. Distraction</li> <li>5. Complacency</li> <li>6. Fatigue</li> <li>7. Post orders not followed</li> </ol> <p><u>Job Factors</u></p> <ol style="list-style-type: none"> <li>1. Inadequate work standards</li> <li>2. Inadequate design</li> <li>3. Inadequate maintenance</li> <li>4. Normal wear and tear</li> <li>5. Abnormal use and wear</li> <li>6. Post orders not in place/ updated</li> </ol>	<ol style="list-style-type: none"> <li>1. Inadequate standards / procedures / training</li> <li>2. Lack of knowledge of standards / procedures / training</li> <li>3. Lack of enforcement / consequences of standards / procedures</li> <li>4. No follow-up on reported hazards</li> <li>5. Failure or need to update procedures / training</li> </ol> <p style="text-align: center; color: blue; font-size: 1.2em; font-family: cursive;">Revised template</p> <p style="text-align: center;">LAC 4/18/16</p>

INSTRUCTIONS: Start at the left side, and ask all questions in each column starting with the Accident Types column. Then proceed to the subsequent columns until you reach the bottom of the Management Issues column. This should assist you in completing a quality accident investigation report.

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