

III. HAZARD IDENTIFICATION/RESOLUTION PROCESS

The Hazard Identification/Resolution Process provides a mechanism by which hazards are identified, analyzed for potential impact on the operating system and resolved in a manner acceptable to management.

After the magnitude and likelihood of a possible accident due to apparent hazards have been assessed, the list will be prioritized into risk categories. As illustrated in the Hazard Assessment Matrix on the following page, the County Safety Officer along with Transit Management will determine each hazard to be:

- unacceptable or undesirable (management decision required);
- acceptable with management review; or
- acceptable without management review.

The investigators (e.g. Planner/Assistant Manager, Mobility Manager, Fleet Manager/Transit Trainer) will report back to management (e.g. Planner/Manager) with a description of the hazard and a recommendation on how the potential hazard should be categorized. This assessment is to be recorded and become part of the systems Accident/Incident activities. In addition, investigators are to be prepared to discuss several alternative solutions to each safety problem and its associated costs. These procedures are established to expedite the process of implementing solutions.

The order of priority in finding solutions for potential hazards is: elimination of the hazard; control of the hazard; and acceptance of the hazard. Measures that may be recommended by management to counteract potential hazards may include:

- design changes;
- warning devices; and/or
- safety procedures.

When attempting to mitigate a potentially hazardous situation, management staff must conduct trade-off analyses that take into account safety issues and costs, potential losses and service impacts. For this reason, resolution strategies must be flexible to match an appropriate solution.

The *Material Safety Data Sheets (MSDS) for Hazardous Materials* are located in the main lobby of the **Mountain Mobility** office in the 'Right to Know Center' along with the 'Right to Know' informational guides.

HAZARD ASSESSMENT MATRIX

<i>Frequency of Occurrence</i>	Hazard Categories	
	Critical I	Marginal II
A Frequent	I A	II A
<i>B</i> Frequent	I B	II B
I A	Unacceptable or Undesirable (Management Decision Necessary)	
II A, I B	<i>Acceptable with Management Review</i>	
II B	<i>Acceptable without Management Review</i>	