

Floor wheels and brackets missing	☐	☐
Ladders binding in guides	☐	☐
Ladder and rail stops broken, loose, or missing	☐	☐
Rail supports broken or section of rail missing	☐	☐
Trolley wheels out of adjustment	☐	☐
Trestle Ladders		
Loose hinges	☐	☐
Wobbly	☐	☐
Loose or bent hinge spreaders	☐	☐
Stop on hinge spreader broken	☐	☐
Center section guide for extension out of alignment	☐	☐
Defective locks for extension	☐	☐
Sectional Ladders		
Worn or loose metal parts	☐	☐
Wobbly	☐	☐
Fixed Ladders		
Loose, worn, or damaged rungs or side rails	☐	☐
Damaged or corroded parts of cage	☐	☐
Corroded bolts and rivet heads on inside of metal stacks	☐	☐
Damaged or corroded handrails or brackets on platforms	☐	☐
Weakened or damaged rungs on brick or concrete slabs	☐	☐
Base of ladder obstructed	☐	☐
Fire Ladders		
Markings illegible	☐	☐
Improperly stored	☐	☐
Storage obstructed	☐	☐

aids safety check of ladders

ladders

- 1 Do not use makeshift ladders, such as cleats fastened across a single rail
- 2 Be sure that a stepladder is fully open before you start to climb it
- 3 Before using a ladder, inspect it for defects
- 4 Never use a defective ladder. Tag or mark it so that it will be repaired or destroyed (Fig 17-11)
- 5 Do not splice short ladders together. They are designed for use in their original lengths and are not strong enough for use in greater lengths. Also, most splicing methods, particularly "on-the-job methods," are not safe.
- 6 Keep ladders clean and free from dirt and grease, which might conceal defects

- 7 Do not use ladders during a strong wind except in emergency, and then only when they are securely tied
- 8 Do not leave placed ladders unattended, especially outdoors, unless they are anchored at top and bottom

Electrical hazards and metal ladders Since metal ladders are electrical conductors, they should not be used around electrical circuits or in places where they may come in contact with such circuits. The importance of these electrical hazards cannot be overemphasized, and those using metal ladders should be warned of the danger.

In addition to this warning, metal ladders should be marked with signs or decals reading **CAUTION—DO NOT USE NEAR ELECTRI-**