

- 3 Is there any imminent danger hazard present that warrants immediate corrective measures?

An adequate checklist will call attention to the following items and conditions *

• **GROUNDS**—Parking lots, roadways, and sidewalks need frequent inspection for cracks, holes, breaks and tripping and falling hazards

• **LOADING AND SHIPPING PLATFORMS**—Loading and shipping platforms and docks get severe use from trucks and heavy traffic Bumpers are needed to prevent damage from tail ends of trucks

• **OUTSIDE STRUCTURES**—Small isolated buildings should be inspected the same way as the larger buildings Fencing should be inspected for damage by tanks, cars, and other causes as well as corrosion and need for painting

• **RAILROAD TRACKS**—Railroad sidings that are company-owned require regular inspection for washouts, condition of rails, clearance, switches, car stops, missing joint plates and spikes, rotted ties and the need for additional ballast

• **FLOORS**—Floors, regardless of construction, should be carefully inspected especially in areas subject to heavy traffic. Slipperiness of floors should receive special study and floor treatment

1. Are the surfaces wearing too rapidly?
2. Is shrinkage present?
3. Is the surface damaged or worn?
4. Are there slippery surfaces?
5. Are there hazards to trucking or walking, such as holes or unguarded openings?
6. Are there indications of cracks, sagging, or warping?
7. Are replacements necessary because of deterioration, etc ?

• **STAIRWAYS**—Stairways should be checked to determine

1. Are treads and risers in good condition and of uniform width and height?

HAZARD SPOT CARD	
WORK AREA	
Footing uneven	☐
obstructed	☐
slippery	☐
Cramped quarters	☐
Exposure to traffic	☐
Insecure piles or overhead material	☐
Inadequate illumination	☐
glare	☐
Temperature too hot	☐
too cold	☐
Exposure to gases	☐
dust	☐
fumes	☐
Hazards from nearby operations	☐
MACHINERY	
Point of operation cutting	☐
shearing	☐
punching	☐
abrading	☐
flying material	☐
Power transmission shafts	☐
belts	☐
gears	☐
pulleys	☐
electrical conductors	☐
Unsafe starting and stopping mechanisms	☐
TOOLS	
Wrong tool for the job	☐
Tool in unsafe condition	☐
Tool placed in unsafe position	☐
HANDLING MATERIAL	
Material or objects heavy	☐
unwieldy	☐
rough	☐
sharp	☐
hot	☐
corrosive	☐
Unsafe handling equipment trucks	☐
conveyors	☐
hoists	☐
containers	☐

FIG 4-4—Spot cards remind inspectors that a safety committee or inspection team has spotted a hazard that needs correction.

- 2 Are standard handrails provided and are they in good condition and secure?
- 3 Is lighting on stairs satisfactory?
- 4 Is there any material stored on stairs?

• **HOUSEKEEPING**—The general housekeeping throughout the plant should be checked to see if it is satisfactory. Aisles should be marked off with painted lines and material kept out of aisle width

• **ELECTRICAL INSTALLATIONS**—Every year an average of 1000 persons are fatally shocked by accidents involving less than 600 volts.

• **WIRING**—The physical plant survey should include a periodic inspection of all plant wiring.

*Robert L. Moore, 1963 Congress Transactions (See References)