

1. HANDLING AND STOWAGE

- Improper forklift operations.
- Pushing and dragging cargo when inadequate material handling equipment, or inexperienced labour is used.
- Weight of superimposed packages.
- Failure to keep stacks plumb.
- Long term storage resulting in crushing.

2. TRUCK

- Braking and acceleration.
- Coupling actions and impact against loading docks.
- Shocks and vibrations.
- Road and weather conditions.
- Vehicular accidents (collisions and overturns).
- Swaying on curves or when overtaking or turning sharply.

3. RAIL

- Acceleration and deceleration.
- Coupling impact during car shunting operations.
- Swaying on curves.
- Shocks and vibrations.
- Derailments.

4. TERMINAL HANDLING

- High vertical acceleration - up and down.
- Braking and acceleration.
- Shocks & vibration.
- Swaying & swinging.
- Tipping.