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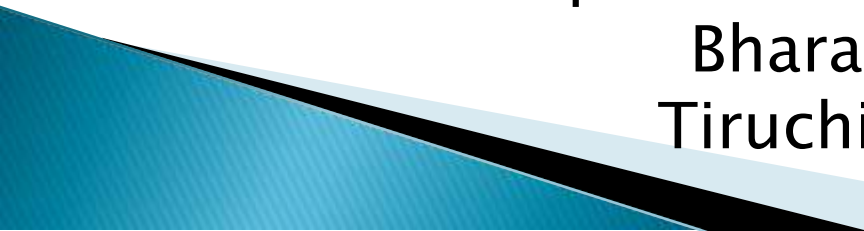
Unit – III–Warehouse Safety

Sub: Warehouse & Inventory Management
(Skill Component)

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Warehouse Safety

Session Objectives



Identify warehouse hazards



Prevent back injuries



Work safely with material-handling equipment



Protect against accidents on the loading dock



Stack materials safely



Prevent slips, trips, and falls

Prequiz:

How Much Do You Know?

TRUE

To prevent back injuries when lifting, you should lift with your leg muscles, not your back muscles.

FALSE

The safest place for pedestrians to be in relation to a forklift is walking right alongside.

FALSE

It's less stressful for your back to pull hand trucks and pallet jacks rather than push them.

TRUE

You should always stabilize pallet loads by interlocking, wrapping, or strapping them.

Back Safety

- Lifting
- Reaching
- Standing
- Pushing/pulling
- Bending
- Carrying



Safe Lifting Technique

1. Stand close to the load
2. Squat down next to the load
3. Pull the load close
4. Tighten your stomach muscles
5. Raise with back straight



Forklift Safety: Pedestrian Traffic

- Look
- Listen
- Be visible
- Keep your distance
- No rides
- Use PPE
- No horseplay



Forklift Safety: Operation

- Check weight and stability
- Inspect
- Follow traffic rules



Manual Pallet Jacks

- Inspect pallets
- Stabilize load
- Watch your back
- Keep load under control
- No horseplay!



Hand Trucks

- Choose the right hand truck
- Stack so you can see over the load
- Secure



Safe Hand Truck Operation

- Keep a good grip
- Watch fingers
- Push, don't pull
- Lift safely
- Maintain proper control



Powered Conveyors



Exercise

Which statements are true?

It's OK to hitch a ride on a forklift.

Bend at the waist when you lift to protect your back.

Never go under or over a powered conveyor.

Pinch points are a common hazard when using hand trucks.

Anyone with a driver's license is permitted to operate a forklift in the warehouse.

You don't have to watch out for forklifts; they have to watch out for you.

Review

Do you understand:

- Preventing back injuries and safe lifting?
- Forklift safety?
- Pallet jack safety?
- Hand truck safety?
- Powered conveyor safety?



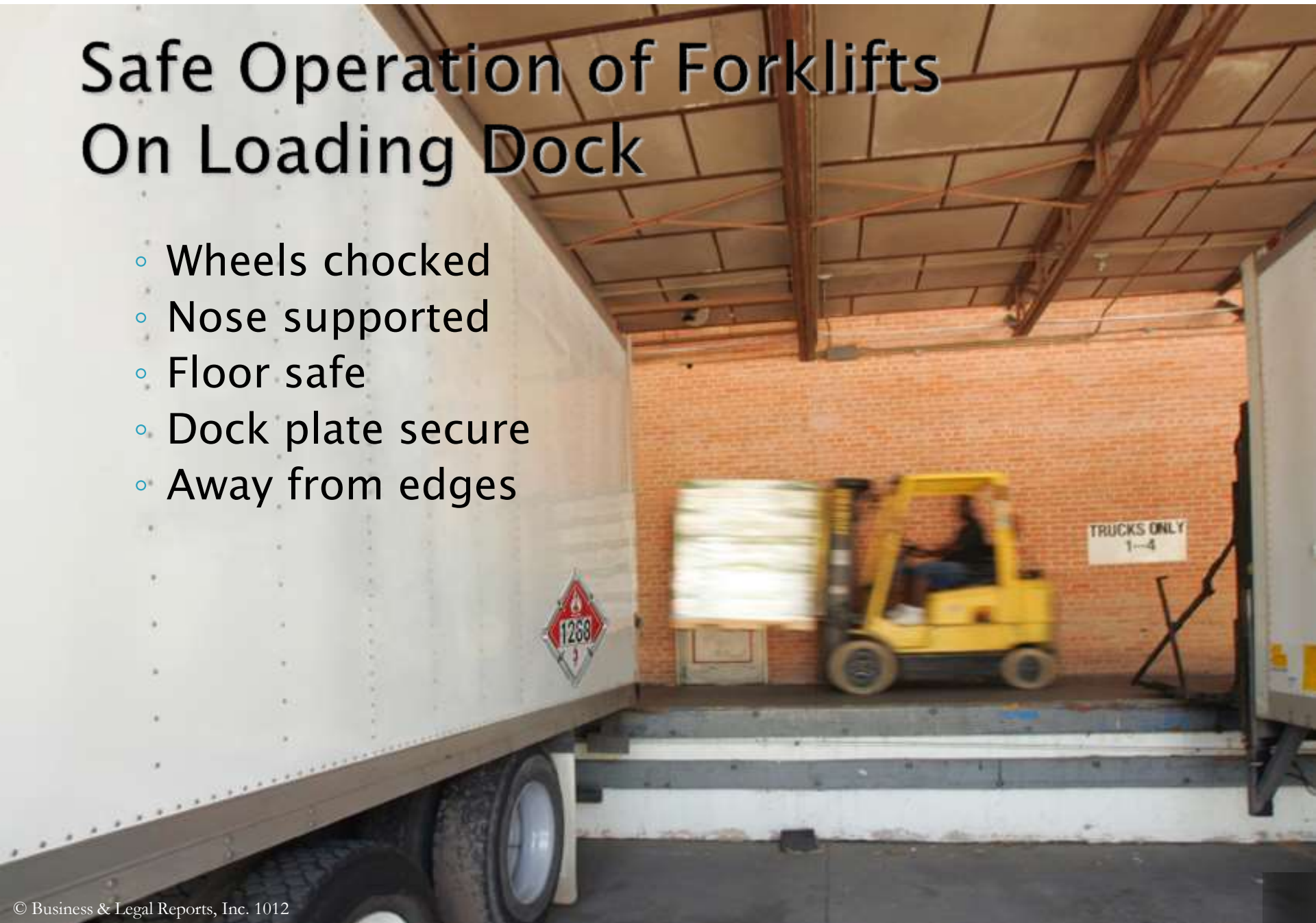
Loading Dock Safety

- Lifting
- Congestion
- Trailers
- Dock doors
- Jumping
- Early departure



Safe Operation of Forklifts On Loading Dock

- Wheels chocked
- Nose supported
- Floor safe
- Dock plate secure
- Away from edges



Stable Pallet Loads

- Stabilize
- Keep low to the ground
- Take damaged pallets out of service
- Do not use as scaffolding



Safe Stacking

- Heavy items on bottom
- Big loads under small loads
- Even stacks
- Nothing sticking out: clear aisles



Handling Drums Safely

- Use the right lifting tool
- Forklift attachments are available
- Pallets may be used
- Stack safely
- Keep incompatibles apart



Slips and Trips

- Wrapping
- Straps
- Cords/hoses
- Boxes/pallets
- Spills



Falls from Elevation

- Ladders
- Stairs
- Shelves/racks/stacks
- Manlifts



Housekeeping

Good housekeeping is good for safety.



Personal Protective Equipment

- Hard hat
- Eye protection
- Hearing protection
- Dust mask
- Work gloves
- Safety shoes
- Cold weather gear



Emergency Equipment

- Sprinklers
- Fire extinguishers
- Evacuation routes
- Electrical panels
- First-aid supplies
- Alarms and phones



Exercise

Fill in the blanks.

Communication with truck drivers at the loading dock prevents the hazard of early departures.

Never stack materials closer than 18 inches from sprinkler heads.

When stacking materials, larger, heavier items should go on the bottom.

You can stabilize pallet loads by interlocking, wrapping, or strapping the load.

Be careful when opening trailer doors on the loading dock because the load might have shifted in transit and materials could fall on you.

Review

Do you understand:

- Loading dock safety?
- Stable pallet loads?
- Safe stacking?
- Handling drums safely?
- Slips, trips, and falls?
- Housekeeping?
- PPE?
- Emergency equipment?



KEY POINTS To Remember!



You need to be aware of the hazards in warehouses.



Always practice safe lifting.



Use material-handling equipment safely,
and watch out for forklifts.



Stack and store materials properly.



Practice good housekeeping, and wear required PPE.