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TAILGATE/TOOLBOX SAFETY TRAINING
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Job Name: _____ Job Site Location: _____

Date: _____ Start Time: _____ Finish Time: _____ Foreman/Supervisor: _____

Topic 478: Wheelbarrow Safety

Introduction: Wheelbarrows make the job of moving a small amount of heavy objects and materials much easier than attempting to carry them by hand. There are several different types of wheelbarrow ranging from light duty to heavy duty. There are wheelbarrows made for hauling bricks and tile, and wheelbarrows made for hauling sand, gravel, or concrete. Heavy duty wheelbarrows are found on the construction site where everyday moving of heavy materials is a necessity. Following are safety guidelines for the safe use of wheelbarrows:

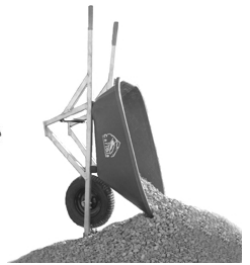
Safety Inspection: Before attempting to move objects or materials using a wheelbarrow, employees must do a safety inspection of all of the different parts. All of the parts must be in good condition and in good working order. Following are the parts of a wheelbarrow:

- | | | | |
|----------------------|-----------------------|------------------|-----------------|
| ■ Nuts/Bolts/Washers | ■ Handles/Grips | ■ Wheels | ■ Tires/Tubes |
| ■ Frame | ■ Bucket/Tipping Body | ■ Axle Shaft | ■ Valve Stems |
| ■ Bracing | ■ Stands/Legs | ■ Wheel Bearings | ■ Paint/Coating |



Safety requires employees to properly maintain all parts of the wheelbarrow.

- All of the nuts, bolts, and washers must be in place and tight.
- **Frames** must not be bent, or cracked, and all of the bracing must be in place and in good condition.
- **Handles** must not be cracked, and the grips must be in good condition.
- **Buckets** or tipping bodies must not have any cracks, holes, or bends in them.
- All dried concrete, or other debris, must be cleaned out of the bucket or tipping body.
- **Stands** and legs must not be missing, cracked, bent, or broken.
- **Wheels** must be clean and straight.
- **Axle shafts** must be straight and tight.
- **Wheel bearings** must be kept clean, lubricated, and tight.
- **Tires and tubes** must not be low on air, worn out, or weather cracked.
- **Valve stems** must not be weather cracked, and they must have a cap in place.
- **The paint** and other coatings must be kept in good condition to prevent rusting.



Safely using a wheelbarrow will require employees to start the job with the correct wheelbarrow before attempting to haul heavy objects, or materials on the job site. Employees must never attempt to use a broken, defective, dirty, or unsafe wheelbarrow. Broken, defective, or unsafe wheelbarrows must be taken out of service, and repaired or replaced.

- **Make sure** that the wheelbarrow has the proper capacity rating for the material being hauled. Do not over-load the wheelbarrow.
- **Clear all** debris away from the area where the wheelbarrow will be loaded.
- **Inspect** the path where the wheelbarrow will be moved to ensure that the surface is free of pot-holes, or grading problems.
- **Ramps must** be clean, and strong enough to carry the anticipated loads that will be moved over them.
- **All ramps** must have adequate blocking under them sufficient to eliminate any deflection that may occur when they become loaded.
- **Any section** of ramp six feet or more above the surface, or spanning a trench that is six feet deep or more below the ramp, must have toe boards and railings on those sections to prevent employees, tools, and materials from falling on workers below.
- **Ensure** that all ramps are wide enough so that employees will have a sure footing while hauling loads over them.
- **Doorways must** be sufficiently wide so that free movement through them with a loaded wheelbarrow will not be hindered.
- **Keep all** unnecessary employees, equipment, and traffic out of the path that will be used to move material across the job site.



Personal protective equipment (PPE): Employees must always use the proper PPE when using a wheelbarrow to haul loads on the job site. The proper PPE will include all of the following items:

- | | | |
|------------------|----------------------|---------------------|
| ■ Hard Hat | ■ Safety Glasses | ■ Heavy-Duty Gloves |
| ■ Safety Goggles | ■ Cover-All Clothing | ■ Safety Boots |

Conclusion: Employee Safety is enhanced when the correct precautions are taken before starting a job. Always utilize these safety guidelines when using a wheelbarrow to move materials on the job site.

Work Site Review

Work-Site Hazards and Safety Suggestions: _____

Personnel Safety Violations: _____

Employee Signatures:

(My signature attests and verifies my understanding of and agreement to comply with, all company safety policies and regulations, and that I have not suffered, experienced, or sustained any recent job-related injury or illness.)

These guidelines do not supercede local, state, or federal regulations and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.