

Forklifts and Other Powered Industrial Trucks

WAC 296-863-700

Definitions



ANSI

Is an acronym for the American National Standards Institute.

Authorized person (maintenance)

Means a person who has been designated to perform maintenance on a PIT.

Authorized person (training)

Means a person approved or assigned by the employer to perform training for powered industrial truck operators.

Approved

Means listed or approved by a nationally recognized testing laboratory or a federal agency that issues approvals for equipment such as the Mine Safety and Health Administration (MSHA); the National Institute for Occupational Safety and Health (NIOSH); Department of Transportation; or U.S. Coast Guard, which issue approvals for such equipment.

Bridge plate (dockboard)

Means a device used to span the distance between rail cars or highway vehicles and loading platforms.

Classified location or hazardous location

Means areas that could be hazardous because of explosive or flammable atmospheres. These locations are broken down into the following categories:

- Class I locations are areas where flammable gases or vapors are or may be present in the air in quantities sufficient to produce explosive or ignitable mixtures.
- Class II locations are areas where the presence of combustible dust could be sufficient to produce explosions.
- Class III locations are areas where the presence of easily ignitable fibers are suspended in the air but aren't in large enough quantities to produce ignitable mixtures.

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Counterweight

Means a weight used to counteract or the load being carried by the truck, or to increase the load carrying capacity of a truck.

Designations

Means a code used to show the different types of hazardous (classified) locations where PITs can be safely used:

- **D** refers to trucks that are diesel engine powered that have minimum safeguards against inherent fire hazards.
- **DS** refers to diesel powered trucks that, in addition to meeting all the requirements for type D trucks, are provided with additional safeguards to the exhaust, fuel and electrical systems.
- **DY** refers to diesel powered trucks that have all the safeguards of the DS trucks and, in addition, any electrical equipment is completely enclosed. They are equipped with temperature limitation features.
- **E** refers to electrically powered trucks that have minimum acceptable safeguards against inherent fire hazards.
- **ES** refers to electrically powered trucks that, in addition to all of the requirements for the E trucks, have additional safeguards to the electrical system to prevent emission of hazardous sparks and to limit surface temperatures.
- **EE** refers to electrically powered trucks that have, in addition to all of the requirements for the E and ES type trucks, have their electric motors and all other electrical equipment completely enclosed.
- **EX** refers to electrically powered trucks that differ from E, ES, or EE type trucks in that the electrical fittings and equipment are designed, constructed and assembled to be used in atmospheres containing flammable vapors or dusts.
- **G** refers to gasoline powered trucks that have minimum acceptable safeguards against inherent fire hazards.

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- **GS** refers to gasoline powered trucks that are provided with additional exhaust, fuel, and electrical systems safeguards.
- **LP** refers to liquefied petroleum gas-powered trucks that, in addition to meeting all the requirements for type G trucks, have minimum acceptable safeguards against inherent fire hazards.
- **LPS** refers to liquefied petroleum gas-powered trucks that, in addition to meeting the requirements for LP type trucks, have additional exhaust, fuel, and electrical systems safeguards.

Electrolyte

Means a chemical, usually acid, that's mixed with water to produce electricity.

Flammable liquid

Means any liquid having a flashpoint below 100°F (37.8°C), except any mixture having components with flashpoints of 100°F (37.8°C) or higher, the total of which make up 99% or more of the total volume of the mixture.

Flashpoint

Means the minimum temperature at which a liquid gives off enough vapor to ignite.

Front-end attachment

Means a device that's attached to the forks or lifting device of the truck.

Lanyard

Means a flexible line of webbing, rope, or cable used to secure a harness to an anchor point.

Listed by report

Means a report listing the field assembly, installation procedures, or both, for a UL listed product that doesn't have generally recognized installation requirements.

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Liquefied petroleum gas

Means any gas that's composed predominantly of the following hydrocarbons, or mixtures of them; propane, propylene, butanes (normal butane or iso-butane), and butylenes.

Load engaging

Means a device attached to a powered industrial truck and used to manipulate or carry a load.

Motorized hand truck

Means a powered truck with wheeled forks designed to go under or between pallets and is controlled by a walking or riding operator.

Nationally recognized testing laboratory

Means an organization recognized by the Occupational Safety and Health Administration that conducts safety tests on equipment and materials.

Order picker

Means a truck controlled by an operator who is stationed on a platform that moves with the load engaging means.

Powered industrial truck (PIT)

Means a mobile, power-driven vehicle used to carry, push, pull, lift, stack, or tier material.

Rough terrain forklift truck

Means a truck intended to be used on unimproved natural terrain and at construction sites.

Safety harness (full body harness)

Means a configuration of connected straps to distribute a fall arresting force over at least the thighs, shoulders and pelvis, with provisions for attaching a lanyard, lifeline, or deceleration devices.

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Tie-off point (anchorage)

Means a secure point to attach a lanyard that meets the requirements of WAC 296-24-87035, Appendix C, Personal Fall Arrest Systems.

Vertical load backrest extension

Means a device that extends vertically from the fork carriage frame.



Notes
