



Plant & Equipment

Prepare: Quiet location? No distractions? Talk aids ready?

Reason: The unsafe use of plant can lead to injuries to the user and others.

Why: Operators of power operated plant and equipment must be trained in the use of the equipment.

Outline: This talk will cover safe operating procedures for plant and equipment, although lifting equipment, woodworking machines, MEWPs and electrical hand tools are covered in other Tool Box Talks.



Identification

- Plant and equipment can be mobile or static equipment used in construction.
- Examples are: dumper truck, mortar mixer, bar bending machine, welding set.

General Precautions

- Plant and equipment should only be used by people who have been trained.
- Consider the risks to other people who are nearby when operating plant and equipment.
- Before use, ensure that plant and equipment has no obvious defects.
- Bring any defects to the attention of your supervisor.
- Be aware of any pre-use checks and carry them out.
- Do you need a means of communication with others during use?

Q: What should happen before anyone is allowed to operate plant or equipment?

Mobile Plant And Equipment

- Do not carry passengers unless the plant is designed to do so.
- Observe site speed limits and one way systems.

NOTES

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Plant & Equipment

- If necessary, obtain assistance when reversing.
- Carry out daily checks e.g. brakes, oil, lights and tyres.
- Be cautious when handling rear wheel steer and centre pivoting plant.

Q: What are the usual before use checks?

Q: Where is the danger area when rear wheel steer plant is turning?

Static Plant And Equipment

- Includes plant which can be moved but remains in one place during use.
- If fitted with wheels, ensure brakes are on or wheels are securely chocked.
- If engine driven, ensure exhaust gases cannot accumulate.
- If electric powered, ensure supply cable and plug cannot be damaged.
- Ensure all guards are in position.
- Consider the need for barriers around the equipment to protect others

Q: Give an example of an item of static plant or equipment.

Do you have any questions for me?

Sources

<https://www.hse.gov.uk/statistics/pdf/fatalinjuries.pdf>

<https://www.hse.gov.uk/statistics/industry/construction.pdf>

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