

PURPOSE/APPLICATION

Equipment must be serviced, maintained and operated in a proper manner by trained operators. This will protect workers from injuries associated with equipment operation and preventing damage to equipment.

PPE

- Strike minimum requirements or otherwise determined by hazard assessment

TRAINING

HAZARDS & CONCERNS

- Motion (Pinch Points)
- Gravity (slip / falls)
- Temperature (hot surfaces)
- Chemical
- Hoists
- Energized equipment

PRECAUTIONS

Supervisor Responsibilities

- Supervisors are responsible to facilitate and/or provide proper instruction to their workers on protection requirements and training.
- Ensure that only a competent worker conducts maintenance and repairs on equipment, including inspecting, disassembling and reassembling a tire or tire and wheel assembly, in accordance with the manufacture's specifications
- All maintenance/service records for all equipment will be maintained and kept on file for the life of that piece of equipment.
- Defective equipment/vehicles will be repaired upon notification from the worker.

Inspection Process

- Walk around your unit and perform a visual check.
- Conduct pre-start checks.
- Conduct after start checks.
- Follow Manufacturer's recommendations for maintenance
- Use extreme caution when mounting or dismounting a machine.
- Report all problems or potential problems to your Supervisor.
- Ensure the correct operating procedures are followed when the day's activities have been completed and the machine is being stopped.
- Ensure to thoroughly check tools for defects, and remove of defective equipment, tools and vehicles from service.

REFERENCES / ADDITIONAL INFORMATION

- CF-S-18 Construction Equipment Daily Pre-Start Checklist (HSEMS MANUAL)
- CF-S-16 Vehicle inspection.

REGULATIONS

Alberta OHS Code – Part 19 Powered Mobile Equipment

Visual inspection 257

- 1. Before operating powered mobile equipment, the operator must complete a visual inspection of the equipment and the surrounding area to ensure that the powered mobile equipment is in safe operating condition and that no worker, including the operator, is endangered when the equipment is started up.*
- 2. While powered mobile equipment is in operation, the operator must complete a visual inspection of the equipment and surrounding area at the intervals required by the manufacturer's specifications or, in the absence of manufacturer's specifications, the employer's operating procedures.*
- 3. Despite subsections (1) and (2), if the powered mobile equipment is continuously operated as part of an on-going work operation, the operator may visually inspect the equipment during the work shift or work period as required by the employer's operating procedures.*
- 4. A person must not start powered mobile equipment if the visual inspection under subsection (1) is not completed.*

Saskatchewan OHS Regulation – Part XI Powered Mobile Equipment

Visual inspection 155

- 1. Before a worker starts any powered mobile equipment, an employer or contractor shall ensure that the worker makes a complete visual inspection of the equipment and the surrounding area to ensure that no worker, including the operator, is endangered by the start-up of the equipment.*
- 2. No worker shall start any powered mobile equipment until the inspection required by subsection (1) is completed.*

Inspection and maintenance 156

An employer or contractor shall ensure that:

- a. all powered mobile equipment is inspected by a competent person for defects and unsafe conditions as often as is necessary to ensure that it is capable of safe operation;*
- b. where a defect or unsafe condition that may create a hazard to a worker is identified in the powered mobile equipment:*
 - I. steps are taken immediately to protect the health and safety of any worker who may be at risk until the defect is repaired or the unsafe condition is corrected; and*
 - II. as soon as is reasonably practicable, the defect is repaired or the unsafe condition is corrected; and*
- c. a written record of the inspections and maintenance carried out pursuant to clauses (a) and (b) is kept at the place of employment and made readily available to the operator.*

British Columbia OHS Regulation – Part 16 Mobile Equipment

16.3 Operation and maintenance

3. *Maintenance records for any service, repair or modification which affects the safe performance of the equipment must be maintained and be reasonably available to the operator and maintenance personnel during work hours.*
5. *Servicing, maintenance and repair of mobile equipment must not be done when the equipment is operating, unless continued operation is essential to the process and a safe means is provided.*

Mobile equipment used off maintained roads must be appropriate and safe for the intended use considering factors such as the nature of the travel surface, the slope of the travel surface, and the activities to be undertaken.

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