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Inspection and certification of protective structures on forestry yarders

This bulletin clarifies inspection and certification for operator protective structures on forestry yarders.

Yarder certification

Yarder operator protective structures should have current certification according to the following standards:

- **OPS:** Operator Protective Structure
ISO 8084: 1993 or 2003
WCB 608
SAE J 1084
- **FOPS:** Falling Object Protective Structure
ISO 8083: 1989 or 2006
WCB 601, 602, 603
SAE J1043.

These certifications may be:

- ten years if issued by the original manufacturer (or by a chartered professional engineer)
- five years if issued as a recertification.

Certifications should be done by a chartered professional engineer (CPENG).

Yarder inspections

Yarder operator protective structures should have a fit-for-service inspection every year (in addition to daily/weekly visual inspections).

Annual fit-for-service inspections should be carried out by a competent person such as a yarder inspector. Daily/weekly visual inspections can be done by the yarder operator.

If a yarder sustains damage or fails a fit-for-service inspection and requires repairs, it should be re-certified before being put back into service. See the below flow chart *Process for inspecting and re-certifying yarder operator protective structures*.

Recording certifications, inspections, and repairs

The PCBU (person conducting a business or undertaking) should keep records of the following:

- operator protective structure certification and re-certification
- annual tower inspections
- yarder maintenance and repairs
- guy rope installation dates.

All yarder protective structures should be clearly labelled

Labels should include the following information:

- the name and address of the structure's manufacturer
- the structure's type and serial number, if any
- the serial number, make, and model of the plant that the structure is designed to fit
- the maximum machine mass (M) for which the structure was designed

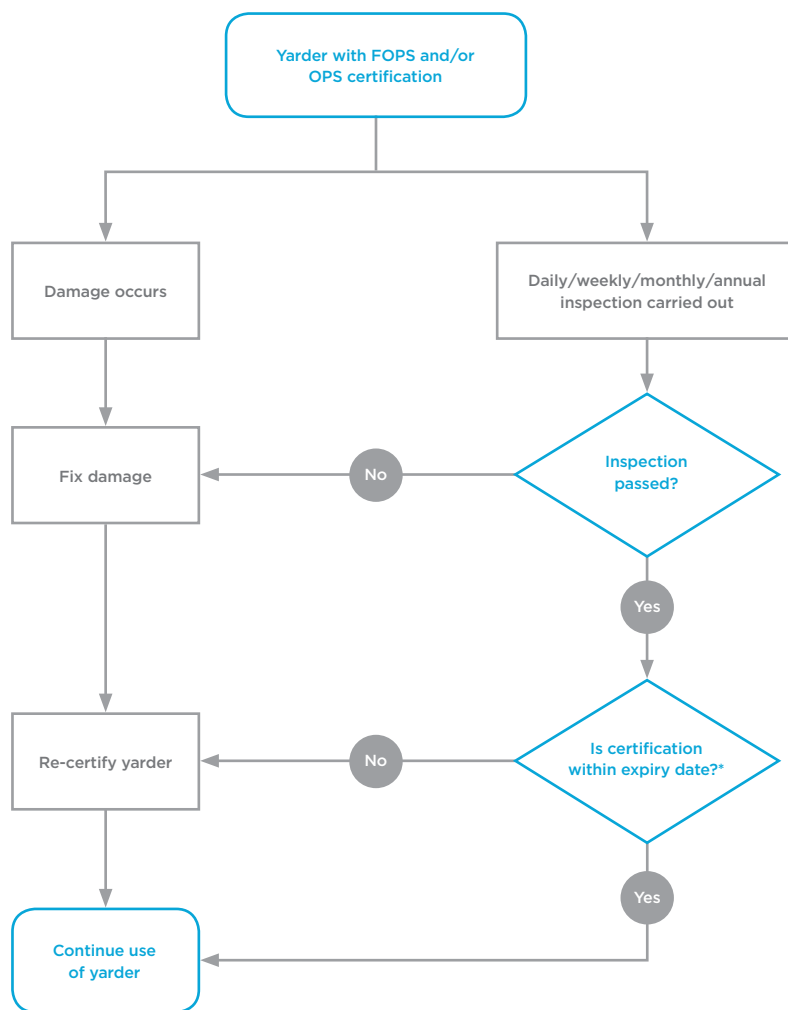
- the relevant ISO or equivalent performance standard for which the structure meets all the performance requirements
- other appropriate information (eg installation date, repair, or replacement information).

Labels should be permanently attached in a place where they are easily visible but also protected from weather damage.

Further information

- Approved code of practice for operator protective structures on self-propelled mobile mechanical plant
[Operator protective structures on self-propelled mobile mechanical plant](#)
- Approved code of practice for safety and health in forest operations
[ACOP: Safety and Health in Forest Operations](#)

Process for inspecting and re-certifying yarder operator protective structures



* Ten years for manufacturers certification.
Five years for recertifications.