



Fulford CERTIFICATION

Excavator Lifting Content Overview

Employer, Supervisor & Operator Responsibilities

Excerpts of WorkSafe BC regulations

- Section 16
- Section 4

Load Charts

- How to read excavator load charts
- Tipping vs hydraulic capacity limits
- Gross and net capacity

Communications

- Hand and radio signals

Pre-Lift Inspection

Inspection of:

- Lifting point
- Hydraulic system
- Rigging

Machine Set-Up

- Fully extend tracks / Outriggers
- Level the machine
- Place machine in Lifting Mode
- Check machine functions & warning system

Lift Planning

Lift planning with respect to:

- The load
- Rigging
- Site assessment
- Lift path
- Communications
- Qualifications and roles of personnel
- Conditions for Critical Lift

Lift

- Avoiding the 8 common hazards of lifting with an excavator
- Consult load chart
- Communicate with lifting personnel
- Lock out controls while riggers in danger zone
- Engage lift mode
- Correct hand/radio signalling
- Maintain load control through target course with and without a load
- Secure load before unfixing