

**PURPOSE/APPLICATION**

To provide general guidance on the safe operation of forked lifting equipment such as skidsteer, telehandler, or loader. This SJP provides general guidance only, all brands and designs of lifting equipment have specific requirements, and all operators must be familiar with the manufacturer’s operating manual for the make and model of equipment they are operating before use.

**PPE**

- Strike Minimum PPE

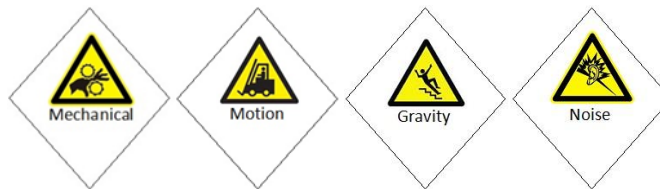
**TRAINING**

- Strike and Client Orientation
- Telehandlers Operators Require an Approved Third-Party Certificate
- Strike Competency Evaluation

**TOOLS/EQUIPMENT**

- Forked Lifting Equipment
- Certified Lifting Attachments
- Rigging Equipment/Taglines (where required)

**HAZARD SOURCES**



| # | Job Steps   | Hazards   | Control Measures  |
|---|-------------|---|---|
| 1 | Pre-startup | <ul style="list-style-type: none"> <li>❖ Motion – Slipper ground conditions, falling from equipment</li> <li>❖ Chemical – Hydraulic fluid, fuel, etc.</li> </ul>  | <ul style="list-style-type: none"> <li>▪ Complete pre-use inspection of the equipment</li> <li>▪ Inspect ground around equipment for leaks</li> <li>▪ Verify load charts are available for equipment (where required)</li> <li>▪ SDS sheets must be accessible</li> <li>▪ Verify that certifications are current (where applicable)</li> <li>▪ Inspect all attachments and accessories</li> <li>▪ Review hand signals with spotters prior to starting work</li> <li>▪ Inspect all rigging (where applicable) as per SWP-54 Rigging</li> </ul> |
| 2 | Startup     | <ul style="list-style-type: none"> <li>❖ Motion - Mechanical failure, crush points around moving parts of equipment, other workers in area</li> <li>❖ Chemical – Spill, fires, exposure to chemicals</li> </ul> | <ul style="list-style-type: none"> <li>▪ Use 3-point contact when mounting or dismounting equipment</li> <li>▪ Ensure the cab is clean and windows are clear</li> <li>▪ Check gauges after starting and let warm-up</li> </ul>  |



| # | Job Steps           | Hazards   | Control Measures  |
|---|---------------------|---|---|
|   |                     |   | <ul style="list-style-type: none"> <li>▪ Operate controls, ensure hydraulic pressure is acceptable</li> <li>▪ Test brakes, horn and backup alarm</li> <li>▪ Verify spill kits are accessible</li> </ul>   |
| 3 | Operating Equipment | <ul style="list-style-type: none"> <li>❖ Gravity – Uneven ground, suspended loads unbalanced loads, equipment upset, or tipping</li> <li>❖ Motion - Mechanical failure, crush points around moving parts of equipment, other workers in area</li> </ul> | <ul style="list-style-type: none"> <li>▪ Maintain safe operating speed</li> <li>▪ Carry loads as low to grade as possible</li> <li>▪ Watch for other equipment and workers, use spotters in congested areas</li> <li>▪ Ensure workers are clear when lifting loads</li> <li>▪ Ensure forks are positioned correctly for load</li> <li>▪ Use proper body positioning when adjusting forks, and keep fingers clear of the line of fire</li> <li>▪ Never walk under a suspended load</li> <li>▪ Secure material on forks</li> <li>▪ Use taglines to control load when lifting (tagline operators should walk on cab side of equipment)</li> <li>▪ Verify the weights of all loads before lifting, remember to account for the weight of any lifting attachments and rigging components</li> <li>▪ Use outriggers where required</li> </ul> |
| 4 | Fueling             | <ul style="list-style-type: none"> <li>❖ Chemical – Spills, fumes, exposure</li> <li>❖ Flammable/Explosive – Flammable liquids</li> </ul>   | <ul style="list-style-type: none"> <li>▪ Review SWP-31 Fueling</li> <li>▪ PPE as required by SDS for fuel</li> <li>▪ Use secondary spill containment</li> <li>▪ Fuel equipment only in approved areas</li> <li>▪ Do not smoke while fueling</li> <li>▪ Attend fuel nozzle until full, store hose and nozzle in the proper place</li> </ul>  |



| # | Job Steps | Hazards  | Control Measures   |
|---|-----------|--|--|
| 5 | Shutdown  | <ul style="list-style-type: none"> <li>❖ Gravity – Falling from equipment</li> <li>❖ Motion – Tripping, pinch points around doors and equipment</li> </ul> | <ul style="list-style-type: none"> <li>▪ Park on level ground</li> <li>▪ Lower forks when parking</li> <li>▪ Apply parking brake</li> <li>▪ Shut off key and master switch</li> <li>▪ Use 3-point contact to dismount</li> <li>▪ Report any concerns with equipment to supervisor</li> </ul> |

**ADDITIONAL PRECAUTIONS:**

Training Requirements:

- Telehandler Operators require a current Third-Party Approved Training Certification and a completed Strike CF-S-30C Competency Checklist – Telehandler/Forklift
- Skidsteer Operators require a completed CF-S-30H Competency Checklist – Skidsteer (Note: Some clients/sites require a Third-Party Training Certification)
- Loader Operators require a completed CF-S-30M Competency Checklist – Loader (Note: Some clients/sites require a Third-Party Training Certification)

**REFERENCES / ADDITIONAL INFORMATION**

- Alberta OHS Code - Part 19 Powered Mobile Equipment – Forklift Trucks (283)
- British Columbia OHS Regulation - Part 16 Mobile Equipment - Lift Trucks (16.43)
- Saskatchewan OHS Regulation - Part 11 Powered Mobile Equipment – Forklifts (11-16)
- Manitoba Workplace Safety and Health Legislation - Part 22 Powered Mobile Equipment
- Strike SWP 34 Cranes, Hoists and Lifting Devices
- Strike SWP 75 Vehicle and Equipment Spotting
- Strike SWP 04 Cargo Securement and Trailer Use
- Strike SWP 44 Mechanical Mobile Equipment Operations
- Strike SWP 31 Fueling
- Equipment/Vehicle Inspection forms:
  - CF-S-18 – Daily Pre-Start Inspections
  - CF-S-30 - Competency Checklist(s)
  - CF-S-47 - Vehicle Pre-Trip Inspection

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|---------------|--------------------------|---------------------------|-------|--------------------|
| Developed by: | 1. <u>Marty Fulkerth</u> | _____                     | Date: | <u>Oct 27/2009</u> |
| Revised by:   | 1. <u>Jay Pilon</u>      | _____                     | Date: | <u>Apr 19/2010</u> |
| Revised by:   | 1. <u>Chad Sewall</u>    | 2. <u>Chad Palazeti</u>   | Date: | <u>Apr 26/2024</u> |
|               | 3. <u>Trevor Shelton</u> | 4. <u>Brian McConnell</u> |       | _____              |
|               | 5. <u>Rory Jordan</u>    | _____                     |       | _____              |
| Approved by:  | 1. <u>HSE Committee</u>  | _____                     | Date: | <u>May 14/2024</u> |

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