

PURPOSE/APPLICATION

To protect workers from injuries associated with handling pipe on pipeline right-of-ways, plant sites, pipe yards and stockpiles.

PPE

- CPES Minimum Requirements

TRAINING

- New Worker Orientation

HAZARDS & CONCERNS

- Falling Pipe
- Personal Injury (Crush injuries)
- Equipment Damage
- Pinch Points
- Traffic



PRECAUTIONS

THE DOs

- DO** Maintain an orderly job site.
- DO** Ensure the equipment (cables, slings, hooks, tag lines) is in good operating condition.
- DO** Ensure that cables and slings are rated to the full capacity of the load.
- DO** Use tag lines to control loads. For large, heavy, or complicated pipe configurations multiple taglines may be required.
- DO** Make sure you are visible to the equipment operator at all times.
- DO** Set up spotters or ribbons/signs to control traffic and limit congestion.
- DO** Use a clear pre-determined communication system (e.g. radios, hand signals, etc.) when handling pipe.
- DO** When manually handling pipe (small diameter only), pick up and lay down the pipe in unison.
- DO** Ensure everyone in the areas stays clear of the load when handling pipe by mechanical means.
- DO** Keep your feet and hands clear of the area when the pipe is being lowered or picked up.
- DO** Keep the pipe racks in an orderly and safe condition and the space around pipe racks shall be kept clear of obstructions. Verify pipe racks are level.
- DO** Use supports or strips between the layers of stacked pipe.
- DO** Use pins or chocks to keep pipe from rolling in the rack.
- DO** Perform all rigging of pipe in accordance with SWP-54 Rigging.
- DO** Operate all equipment in accordance with SWP 44 - Mechanical Mobile Equipment Operations.
- DO** Set up pipe according to SWP-89 Using Jacks and Stands and/or SWP 81 Cribbing and Pipe Cones.
- DO** Ensure that the pipe is secured before removing strapping or securement.

THE DON'Ts

- DON'T** Handle pipe in the dark or in poor lighting conditions.

- DON'T** Jump off pipe loads, trailers, racks, or stockpiles.
- DON'T** Stand between pipe and equipment and/or the ditch/trench/bank of an excavation.
- DON'T** Walk under suspended loads.
- DON'T** Put fingers or hands into the ends of the pipe when moving it.
- DON'T** Park vehicles near the loading or unloading areas.
- DON'T** Walk on pipe racks that have not been secured.
- DON'T** Lift the pipe by inserting the forks inside of the pipe; this can damage the forks.
- DON'T** Load the last two inches of a stringing/sorting (pelican) hook, they are rated to be fully inserted in the pipe.

REFERENCES / ADDITIONAL INFORMATION

- CPES SWP 54 – Rigging
- CPES SWP 44 – Mechanical Mobile Equipment Operations
- CPES SWP 81 – Cribbing and Pipe Cones
- CPES SWP 89 – Using Jacks and Stands

REGULATIONS

Alberta OHS Code

Part 14: Lifting and Handling Loads

British Columbia OHS Regulation

Part 12: Tools, Machinery and Equipment

Saskatchewan OHS Regulation

PART 14: Rigging

Manitoba OHS Regulation

Part 7: Storage of Materials, Equipment, Machines, and Tools



Demonstrating: Tag line use, spotter/communication with crane/clear line of sight with operator/rigging.

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