



## Policy

Saskatoon & Area - Occupational Health & Safety

**Number:** 53-024

**Title:** Physical Hazard: Rigging

**Saskatchewan Employment Act:**

**OHS Regulation:** 227-239

**Date:** January 1, 2017

**Date Revised/Reaffirmed:** June 7, 2018

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### Purpose

To ensure the health and safety of all workers when rigging by having all rigging applications supervised or performed by a competent worker

### Definition

- **“Rigging”** means any combination of rope, wire rope, cable, chain, sling, sheave, hook and associated fittings used in a hoisting operation

### Roles and Responsibilities

Employer must ensure:

- No load that is in excess of 10% of the breaking strength of the weakest part of the rigging used to raise or lower workers or 20% of weakest part of the rigging for all other uses will be placed on part of the rigging
- No load shall be lifted or hoisted that exceeds the manufactures ratings for the rigging or any components of the rigging
- If the sling is used to support a worker the sling used must be capable of supporting at least 10 times the load
- Slings must be able to support 5 times the load maximum in any other application
- That all slings are suitable for the intended use of the sling, fittings, attachments and is clearly marked with the maximum weights

Manager/Supervisor must ensure:

- That roles and responsibilities of all workers are being met, as well as applicable legislation and/or standards
- Safe work procedures are written and followed
- All rigging is suitable for intended use and are assembled, used maintained and dismantled by or under the supervision of a competent worker according to manufacturer’s specifications
- That all rigging is properly inspected at appropriate intervals to ensure the rigging and all of its components will perform safely
- The manufactures load limits are clearly marked on the rigging and that the workers are made aware of the maximum limits that may be hoisted by the rigging
- All slings are used for the intended use and that all fittings and attachments are proper for that sling

- Bolts will never be used in place of a proper shackle pin
- One or more taglines are used to control a load
- Taglines must be the appropriate length to workers from overhead hazards
- Taglines are not removed from the load until the load is securely landed and only workers directly engaged in the hoisting operation are allowed in the area

Worker must ensure:

- They are educated and trained in and follow the safe work procedures
- They are trained in and use any PPE required (selection, use, care and handling)
- They report to their supervisor and the Safety Alert System/Incident Report Line for any incidents or near misses involving rigging
- That slings are the proper sling for the load being lifted
- If the sling is used on an object with sharp edges the sling has been protected from cuts
- All equipment is inspected prior to use and are maintained in working order
- Does not use equipment that is damaged or broken and notifies manger/supervisor
- Slings are arranged to prevent the load from slipping or falling
- All pins and shackles are properly installed to prevent accidental withdrawal

#### **Orientation & Training**

- Training in assembly, use, maintenance and dismantling of rigging

#### **Materials**

- Appropriate PPE if required

#### **Non-Compliance/Breach:**

Non-compliance with this policy will result in a review of the incident. A review for non-compliance may result in disciplinary action, up to and including termination of employment or privileges; fines and /or prosecution of individuals under the Saskatchewan Employment Act and OHS Regulations.

Review Dates:

January 1, 2017

June 7, 2018