



**Procedure**

# Hazard Identification and Risk Assessment Procedure

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Viking Reinforcing Ltd. – Rebar Fabrication Yard and Construction Placement Operations

## Document Control

Document Number	SOP-OHS-01
Standard	ISO 45001:2018 Clauses 6.1, 8.1.2
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## 1. Purpose

This procedure defines how Viking Reinforcing identifies workplace hazards, evaluates risks, and implements controls using the hierarchy of controls across fabrication yard and construction site reinforcing steel placement operations.

## 2. Scope

Applies to all Viking Reinforcing operations including rebar fabrication, storage, handling, machine operation, equipment maintenance, and installation activities on construction sites.

## 3. Roles and Responsibilities

Chief Safety Officer – Oversees hazard identification system.

Superintendent – Ensures jobsite hazard assessments.

Yard Foreman – Conducts yard hazard assessments.

Director of Maintenance – Identifies equipment hazards.

Workers – Report hazards and participate in assessments.

## 4. Hazard Identification Sources

- Worker hazard reports
- Workplace inspections



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- Equipment inspections
- Incident investigations
- Pre-task hazard assessments
- Internal audits

### 5. Typical Rebar Operation Hazards

Activity	Hazard	Control
Hydraulic shear	Blade contact	Guarding and training
Rebar bending	Pinch points	Operator positioning and guards
Forklift operations	Vehicle collision	Traffic routes and alarms
Manual handling	Strain injury	Mechanical lifting aids
Rebar placement	Trips and impalement	Cap exposed rebar and housekeeping

### 6. Risk Assessment

Risks are evaluated using likelihood and severity to determine overall risk level and appropriate control measures.

### 7. Hierarchy of Controls

1. Elimination
2. Substitution
3. Engineering Controls
4. Administrative Controls
5. Personal Protective Equipment

### 8. Records and Documentation

FORM-OHS-06 Hazard Assessment Form

REGISTER-OHS-05 Hazard and Risk Register

LOG-OHS-01 Workplace Inspection Log

REGISTER-OHS-02 Corrective Action Register



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#### **9. Review**

This procedure is reviewed annually or when operational changes or incidents require updates.