



Rebar Placement Safety Procedure

Viking Reinforcing Ltd. – Construction Site Operational Procedure
Safe Installation and Placement of Reinforcing Steel on Construction Sites
Applicable to All Viking Reinforcing Field Operations – British Columbia

Document Control

Document Number	SOP-SITE-01
Activity	Rebar Placement and Installation
Applicable Standard	ISO 45001:2018 – Clause 8 Operational Control
Jurisdiction	WorkSafeBC Occupational Health and Safety Regulation
Prepared By	Derek Sanderson, MBA, CISSP
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1. Purpose

This procedure establishes the safety requirements for placing and installing reinforcing steel on construction sites. The objective is to ensure Viking Reinforcing workers perform rebar placement operations safely while minimizing hazards associated with manual handling, sharp steel edges, heavy equipment interaction, falls, and construction site conditions.

2. Scope

This procedure applies to all Viking Reinforcing workers performing reinforcing steel placement activities on construction sites including foundations, slabs, columns, walls, footings, suspended decks, and other reinforced concrete structures.

3. Roles and Responsibilities

VP Production – Chad Cowan

- Overall responsibility for safe field operations.

Chief Safety Officer – Dan Ansell

- Ensures safe work procedures are implemented and workers are trained.



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Foreman – Danny L'Heureux

- Coordinates work with the general contractor and ensures site hazards are addressed.

Crew Members / Rodbusters

- Follow safe work practices and report hazards immediately.

4. Required Personal Protective Equipment

Workers installing reinforcing steel must wear the following PPE:

- Hard hat
- CSA-approved safety boots
- Cut-resistant gloves
- Safety glasses with side shields
- High visibility vest
- Hearing protection when required
- Fall protection equipment when working at heights

5. Hazards Associated with Rebar Placement

Typical hazards during rebar installation include:

- Sharp steel edges causing lacerations
- Manual lifting strain injuries
- Trips and falls over reinforcing steel
- Impalement hazards from exposed rebar
- Interaction with heavy equipment
- Falling materials from elevated work areas

6. Site Coordination Requirements

Rebar placement must be coordinated with the general contractor and other trades to ensure safe work sequencing. Workers must follow site-specific safety plans and attend daily toolbox meetings before work begins.

7. Safe Rebar Placement Procedure

1. Conduct a pre-job hazard assessment before starting work.
2. Inspect work area for trip hazards, unstable ground, or exposed hazards.
3. Use team lifting techniques when handling large bars.
4. Position reinforcing steel according to drawings while maintaining safe posture.
5. Use rebar chairs and supports to stabilize steel.
6. Maintain clear communication between crew members.



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7. Keep work areas organized to prevent trips or falls.
8. Secure loose steel before leaving the work area.

8. Rebar Impalement Protection

Exposed vertical reinforcing bars must be protected using approved rebar caps or covers where there is a risk of workers falling onto protruding steel.

9. Manual Material Handling

Workers must follow safe lifting practices including:

- Keeping loads close to the body
- Avoiding twisting while lifting
- Using mechanical lifting equipment when possible
- Requesting assistance when handling heavy materials.

10. Prohibited Practices

The following practices are prohibited:

- Walking on unsecured reinforcing steel
- Leaving loose rebar pieces in work areas
- Removing impalement protection
- Working near heavy equipment without communication.

11. Emergency Procedures

In the event of an injury or incident:

1. Stop work immediately.
2. Notify the supervisor.
3. Provide first aid if required.
4. Report the incident using FORM-OHS-02 – Incident Report Form.

12. Records and Documentation

The following documents support this procedure:

- FORM-OHS-02 – Incident Report Form
- FORM-OHS-06 – Hazard Assessment Form
- FORM-OHS-11 – Worker Training Record
- LOG-OHS-04 – Safety Meeting Log
- REGISTER-OHS-02 – Corrective Action Register



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13. Continuous Improvement

Near misses, incidents, and worker feedback will be reviewed during safety meetings and management reviews to improve reinforcing steel installation safety.