



Steel Bundling and Securement Procedure

Viking Reinforcing Ltd. – Fabrication Yard Operational Procedure
Rebar Bundle Formation and Securement – Parksville, British Columbia

Document Control

Document Number	SOP-FAB-14
Activity	Steel Bundling and Securement
Standard	ISO 45001:2018 Clause 8.1 – Operational Control
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Revision	1.0
Effective Date	2026-03-06

1. Purpose

This procedure establishes the safe requirements for bundling reinforcing steel and securing bundles for storage or transportation. Proper bundling ensures that rebar remains stable during handling, storage, and shipment, preventing collapse, roll-off, or shifting hazards.

2. Scope

This procedure applies to all Viking Reinforcing workers involved in bundling, tying, banding, or preparing reinforcing steel bundles within the Parksville fabrication yard.

3. Responsibilities

Yard Foreman – Matt Warawa

- Oversees bundling operations and verifies bundle integrity.

Chief Safety Officer – Dan Ansell

- Ensures hazards associated with bundling operations are controlled.

Workers

- Follow bundling procedures and report unsafe conditions.



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4. Required Personal Protective Equipment

Workers performing bundling operations must wear:

- Hard hat
- Safety glasses
- Cut-resistant gloves
- High-visibility clothing
- CSA-approved safety boots

5. Hazards Associated with Steel Bundling

Primary hazards include:

- Sharp steel edges
- Bundle collapse or roll-off
- Pinch points when tightening bands
- Manual handling injuries
- Struck-by hazards from moving bundles

6. Bundling Materials and Tools

Bundling materials may include:

- Steel banding
- Tie wire
- Strapping tools
- Wire twisters
- Bundle tags or identification labels

7. Steel Bundling Procedure

1. Ensure rebar pieces are aligned evenly before bundling.
2. Position bundling bands or tie wires at multiple points along the bundle.
3. Tighten bands securely to prevent movement.
4. Verify bundle stability before moving.
5. Attach bundle identification tags where required.
6. Move bundles using forklifts or telehandlers.

8. Bundle Storage Requirements

Bundles must be stored on stable supports or racks.

Stacks must be arranged to prevent rolling or shifting.

Heavy bundles must be placed on lower levels to maintain stability.



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9. Bundle Inspection

Supervisors must periodically inspect bundles to ensure:

- Banding remains secure
- Bundles are properly stacked
- No unstable steel is present

Inspection results may be recorded using FORM-OHS-07 – HSE Inspection Checklist.

10. Prohibited Practices

The following actions are prohibited:

- Inadequate bundling
- Handling loose steel bundles
- Climbing on stacked bundles
- Standing in the path of moving bundles

11. Emergency Procedures

In the event of bundle collapse or injury:

1. Stop work immediately.
2. Secure the area.
3. Provide first aid if necessary.
4. Complete FORM-OHS-02 – Incident Report Form.

12. Records and Documentation

FORM-OHS-02 – Incident Report Form

FORM-OHS-07 – HSE Inspection Checklist

LOG-OHS-01 – Workplace Inspection Log

REGISTER-OHS-02 – Corrective Action Register

13. Continuous Improvement

Inspection findings and worker feedback will be reviewed to improve bundling methods and reduce material handling hazards.