

Fall Protection

WHAT WE DO

Design safe, custom fall protection that meets the rigorous requirements of the CSA Z259 Standards and Ontario Regulations.

Custom Design of:

- Horizontal Lifelines (HLL)
- Vertical Lifelines (VLL)
- Anchorages
- Tie Off Points

Inspections of Installed Fall Arrest System

Certification of Installed Fall Arrest Systems

Structural Engineering of Anchorage Supports

Component Compatibility

Post Fall Damage Assessment

Periodic Structural and Equipment Inspections

Project Management of Custom Fabrication and Installation

On-site and Project Fall Protection Review and Consulting



The Facts

You require fall protection if you have the potential to fall:

- more than 3 m (10ft)
- into operating machinery, liquids or hazardous substance
- through an opening on a work surface

Proper equipment and usage can prevent lost time, revenue loss and deaths from falls.

Ministry of Labour blitzes are increasing

The Process

Identify the fall hazard

- Why is it there?
- Can it be removed?

Remove the fall hazard

- Guardrails, Platform?
- Relocate Equipment?
- Tie-off Points?
- Fall Arrest System?
- Work Procedure Change?

Solutions

Our CSA qualified fall protection design engineer provides custom protection systems:

- Guardrails and platforms
- Anchorage design & location
- Horizontal or vertical lifelines
- Ensure proper clearances
- Develop new work methods
- Modifications to existing systems

Implementation of Fall Protection

JADE Engineers Inc. can effectively communicate with architects, design engineers, project managers, trades and fabrication shops. Timely and concise solutions are provided with your economical and functional requirements in mind. We service clients throughout Ontario and Canada.

Please contact us to see how we can meet your engineering needs and help you protect your workers.

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Professional Engineers
Ontario