



Steep slope set-up

Steep slopes and other types of angled or uneven terrain may be hazardous for crane operations. These slopes can put the safety of workers and equipment at risk if they are not appropriately identified, evaluated, and addressed.

Hazard assessment

The crane owner or the employer should conduct a hazard assessment before work begins with a crane on a steep slope. The hazard assessment should identify steep slope-related risks, recommend appropriate control measures, and lead to the creation of a lift plan.

Review and update the hazard assessment prepared for the steep slope when:

- The task to be performed changes.
- Modifications are made to the crane being used.
- Worksite conditions change.

An effective hazard assessment requires accurate, up-to-date, site-specific information on the slope (e.g., soil stability). This information is crucial for developing construction requirements for the supporting surface.

Controlling the risk

Follow the crane manufacturer's guidelines for set-up. Visually inspect equipment and devices prior to use and at least daily when in use.



- In accordance with the manufacturer's guidelines, or
- Designed and/or reviewed by a professional engineer prior to use on a steep slope or otherwise hazardous terrain

Never operate equipment beyond the maximum slope limitations established by the manufacturer.

Do not work on slopes with poor surfaces or pads under the outriggers or stabilizers.

Complete a thorough analysis to determine the crane's safe lifting capacity on a steep slope. Spread load properly.

OHS Regulation reference: section 14.67 & 14.69

Project:

Address:

Employer:

Supervisor:

Date:

Time:

Shift:

Number in crew:

Number attending:

Other safety concerns or suggestions:

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Record of those attending:

Name: (please print)	Signature:	Company:
1.		
2.		
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14.		
15.		

Manager's remarks:

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Manager:
(Signature)

Supervisor:
(Signature)

For more information on health and safety requirements for crane operations in B.C., refer to the *Workers Compensation Act* and the OHS Regulation on worksafebc.com.