



Risk Mitigation Plan Template

28 Apr 2022 / Andrei Dodson

Complete

Score	33.33%	Flagged items	1	Actions	1
Site conducted					Unanswered
Client/Site					Summer Gardens Tower
Project					Crane Operations - Commercial Building
Conducted on					28 Apr 2022 14:20 PST
Project Manager					Andrei Dodson
Location					RHPV+64 Spring Creek, NV, US A (40.8355903, -115.4071906)

Flagged items & Actions

1 flagged, 1 action

Flagged items

1 flagged, 1 action

Audit

Assessment of Consequence (How severe is this risk's impact?)

Critical

To Do | Priority High | Due 5 May 2022 14:48 PST | Created by SafetyCulture Staff

Conduct rigging inspections on site.

Check if the load is securely placed on the rigging device and the crane before commencing with the lift.

Other actions

0 actions

Reference

Use this table as your guide in risk rating.

Consequences	Likelihood			
	Very Likely	Likely	Unlikely	Highly Unlikely
Critical	High	High	High	Medium
Major	High	High	Medium	Medium
Minor	High	Medium	Medium	Low
Negligible	Medium	Medium	Low	Low

Risk - Click "Add" Button

Risk Mitigation Plan

1 flagged, 1 action, 33.33%

Risk

1 flagged, 1 action, 33.33%

Risk 1

50%

Identify Risk

Crane transportation

Risk Description

Transporting cranes to and from the work site comes with the risk of runovers, collisions, and other road accidents.

Evidence of Risk (photo, video, screenshot, etc.)



Photo 1

Root Cause(s) of Risk

Improper driving, not following safety measures while transporting crane equipment

Impact to Project

It can cause damage to the crane, injure operators, and delay operations.

Assessment of Likelihood (How likely will this risk occur?)

Unlikely

Assessment of Consequence (How severe is this risk's impact?)

Major

Risk Rating

Medium

Mitigation Strategies and Actions

Provide proper training for field drivers.

Individual/s or Team/s Responsible for Mitigation

Training Team

Mitigation Timeline

6 May 2022

Mitigation Cost

\$50

Action's Impact on Risk

Avoid chances of road accidents while transporting crane equipment.

Monitoring Strategy

- Perform inspections before, during, and after crane transportation.
- Provide updates summarizing the results of the inspections.

Risk 2

25%

Identify Risk

Electrocution during crane operations

Risk Description

Electric shocks due to crane coming into contact with overhead power lines

Evidence of Risk (photo, video, screenshot, etc.)



Photo 2

Root Cause(s) of Risk

Presence of overhead power lines within the vicinity of crane operations

Impact to Project

It can put crane operator and nearby personnel at risk of electric shocks.

Assessment of Likelihood (How likely will this risk occur?)

Likely

Assessment of Consequence (How severe is this risk's impact?)

Major

Risk Rating

High

Mitigation Strategies and Actions

- Place safety flags to mark overhead lines.
- Create a plan for dealing with overhead power cables during crane operations.

Individual/s or Team/s Responsible for Mitigation

Construction Operations Team

Mitigation Timeline

13 May 2022

Mitigation Cost

\$50 - \$100

Action's Impact on Risk

Reduce instances of electric shocks, and conduct safe crane operations around overhead power cables.

Monitoring Strategy

Provide weekly updates on the progress of the safety plan.

Risk 3

1 flagged, 1 action, 25%

Identify Risk

Falling loads

Risk Description

Heavy loads can fall off the crane during lifting periods.

Evidence of Risk (photo, video, screenshot, etc.)



Photo 3

Root Cause(s) of Risk

Loads can slip because they're not secured properly.

Impact to Project

- Severe injuries for the field crew
- Major structural damage on the construction site

Assessment of Likelihood (How likely will this risk occur?)

Unlikely

Assessment of Consequence (How severe is this risk's impact?)

Critical

To Do | Priority High | Due 5 May 2022 14:48 PST | Created by SafetyCulture Staff

Conduct rigging inspections on site.

Check if the load is securely placed on the rigging device and the crane before commencing with the lift.

Risk Rating

High

Mitigation Strategies and Actions

- A qualified rigger should oversee the operations.
- Conduct rigging equipment inspections to check if it's in good condition.
- Perform pre-critical lift evaluation as needed.
- Inspect, install, and maintain the main hoisting line before starting operations.
- Train personnel on properly securing load before the lifting process.

Individual/s or Team/s Responsible for Mitigation

Rigging Team, Crane Operations Team, Construction Operations Team

Mitigation Timeline

30 Jun 2022

Mitigation Cost

\$200

Action's Impact on Risk

Reduce or eliminate the chances of loads slipping from the crane.

Monitoring Strategy

- Conduct daily and weekly checks on rigging and hoisting equipment.
- Provide weekly updates on equipment maintenance.

Completion

Project Manager's Full Name and Signature



Andrei Dodson
28 Apr 2022 14:45 PST

Appendix



Photo 1



Photo 2



Photo 3