



## Risk Mitigation Plan Template

28 Apr 2022 / Andrei Dodson

Complete

| Score           | 8 / 24 (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, USA<br>(40.8355903, -115.4071906) |               |   |         |   |

Flagged items & Actions

1 flagged, 1 action

Flagged items

1 flagged, 1 action

Audit / Risk Mitigation Plan / Risk / Risk 3

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

**Audit**

1 flagged, 1 action, 8 / 24 (33.33%)

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, 8 / 24 (33.33%)

Risk

1 flagged, 1 action, 8 / 24 (33.33%)

Risk 1

4 / 8 (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**

Major

|                                                                                                                                                                                                                              |                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| impact?)                                                                                                                                                                                                                     |                                       |
| Risk Rating                                                                                                                                                                                                                  | Medium                                |
| <b>Mitigation Strategies and Actions</b><br>Provide proper training for field drivers.                                                                                                                                       |                                       |
| <b>Individual/s or Team/s Responsible for Mitigation</b><br>Training Team                                                                                                                                                    |                                       |
| Mitigation Timeline                                                                                                                                                                                                          | 6 May 2022 00:00 PST                  |
| Mitigation Cost                                                                                                                                                                                                              | \$50                                  |
| <b>Action's Impact on Risk</b><br>Avoid chances of road accidents while transporting crane equipment.                                                                                                                        |                                       |
| <b>Monitoring Strategy</b><br><ul style="list-style-type: none"> <li>- Perform inspections before, during, and after crane transportation.</li> <li>- Provide updates summarizing the results of the inspections.</li> </ul> |                                       |
| Risk 2                                                                                                                                                                                                                       | 2 / 8 (25%)                           |
| Identify Risk                                                                                                                                                                                                                | Electrocution during crane operations |
| <b>Risk Description</b><br>Electric shocks due to crane coming into contact with overhead power lines                                                                                                                        |                                       |
| <b>Evidence of Risk (photo, video, screenshot, etc.)</b><br>                                                                              |                                       |
| Photo 2                                                                                                                                                                                                                      |                                       |
| <b>Root Cause(s) of Risk</b><br>Presence of overhead power lines within the vicinity of crane operations                                                                                                                     |                                       |
| <b>Impact to Project</b><br>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 00:00 PST

### 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, 2 / 8 (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 00:00 PST

### 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

## Media summary



Photo 1



Photo 2



Photo 3