## Risk Mitigation Plan Template

28 Apr 2022 / Andrei Dodson

<table>
<thead>
<tr>
<th>Score</th>
<th>33.33%</th>
<th>Flagged items</th>
<th>1</th>
<th>Actions</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site conducted</td>
<td></td>
<td></td>
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<tr>
<td>Client/Site</td>
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<tr>
<td>Project</td>
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<tr>
<td>Conducted on</td>
<td></td>
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<tr>
<td>Project Manager</td>
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</tr>
<tr>
<td>Location</td>
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</tbody>
</table>

- **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  

Flagged items

<table>
<thead>
<tr>
<th>Audit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assessment of Consequence (How severe is this risk's impact?)</strong></td>
</tr>
<tr>
<td><strong>Critical</strong></td>
</tr>
<tr>
<td><strong>To Do</strong></td>
</tr>
</tbody>
</table>

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, 33.33%

**Reference**

Use this table as your guide in risk rating.

![Risk Rating Table]

**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

<table>
<thead>
<tr>
<th>Action's Impact on Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduce instances of electric shocks, and conduct safe crane operations around overhead power cables.</td>
</tr>
</tbody>
</table>

### Monitoring Strategy

Provide weekly updates on the progress of the safety plan.

### Risk 3

<table>
<thead>
<tr>
<th>1 flagged, 1 action, 25%</th>
</tr>
</thead>
</table>

#### 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](image)

### 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
<table>
<thead>
<tr>
<th>Assessment of Likelihood (How likely will this risk occur?)</th>
<th>Unlikely</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment of Consequence (How severe is this risk's impact?)</td>
<td>Critical</td>
</tr>
<tr>
<td>To Do</td>
<td>Priority High</td>
</tr>
<tr>
<td>Conduct rigging inspections on site.</td>
<td></td>
</tr>
<tr>
<td>Check if the load is securely placed on the rigging device and the crane before commencing with the lift.</td>
<td></td>
</tr>
<tr>
<td>Risk Rating</td>
<td>High</td>
</tr>
</tbody>
</table>

**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