



# Tower Crane Daily Operator Checklist

11 May 2023 / 408 / SafetyCulture Staff

Complete

Score	87.1%	Flagged items	4
<b>Crane Serial #</b>	408		
<b>Client / Site</b>	SC Crane Services Pty. Ltd		
<b>Location</b>	48 Rue de la Mairie, 03120 Saint-Prix, France		
<b>Conducted on</b>	11.05.2023 14:30 PST		
<b>Prepared by</b>	SafetyCulture Staff		

**Flagged items**

4 flagged

Audit / Pre-operation

**Wire ropes are free from damages**

Non-Compliant

This rope has a damage on some parts.



Photo 2

Audit / Job In-Progress

**Proper hand signalling are used**

Non-Compliant

Hand signals were not observed during operation



Photo 3

Audit / Job In-Progress

**Crane has load indicating device for overloading**

Non-Compliant

Hand signals were not observed during operation

Audit / Post job

**Crane is secured to prevent unauthorized use before leaving**

Non-Compliant

Boom of tower crane as left unsecured.



Photo 4

**Audit**

4 flagged, 87.1%

## Pre-operation

1 flagged, 94.12%

### Crane is registered and permitted to be used in operations

Compliant

Permits valid for entire duration of project

### Take a photo of work permit



Photo 1

### Operator is in good condition and is competent to perform the work

Compliant

### Operating and emergency controls are in place

Compliant

### Wire ropes are free from damages

Non-Compliant

This rope has a damage on some parts.



Photo 2

REFERENCE: Wire Rope in good condition  
[This is an example of how you can use iAuditor to include reference images in your templates to assist with inspections]



<b>Brakes are in a good condition</b>	Compliant
Brakes recently went through monthly equipment audit	
<b>Safety switches and interlocks, including limiting and indicating devices were properly installed</b>	Compliant
<b>Structure has undergone visual inspection</b>	Compliant
I walked around the crane and did a visual check	
<b>Loading capacity is suitable for materials to be lifted</b>	Compliant
<b>Workplace condition is free from hazards</b>	Compliant
a JSA inspection was conducted before commencing with the work.	
<b>Lifting components have all required markings</b>	Compliant
Labels are all updated with clear instructions	
<b>Away from overhead electrical lines</b>	Compliant
<b>Activities are supervised by a competent person</b>	Compliant
<b>Components are assembled in the correct sequence</b>	Compliant
<b>Edge protection systems are in place</b>	Compliant
<b>Travel restraint systems are in place</b>	Compliant
<b>Fall-arrest harness systems are in place</b>	Compliant
<b>Proper PPE is worn by workers</b>	Compliant

## Job In-Progress

2 flagged, 66.67%

<b>Radio communication, including dedicated radio frequency, equipment checks, clear and constant-talk communication and procedures for loss of signal were implemented</b>	Compliant
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<b>Proper hand signalling are used</b>	Non-Compliant
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Hand signals were not observed during operation



Photo 3

**Crane has load indicating device for overloading**

Non-Compliant

Hand signals were not observed during operation

**Crane has motion indicator to avoid moving outside radius**

Compliant

**Lifting gear is of adequate capacity, in good condition and marked with relevant information**

Compliant

**Access to the crane cabin is safe**

Compliant

**Post job**

1 flagged, 87.5%

**Crane is secured to prevent unauthorized use before leaving**

Non-Compliant

Boom of tower crane as left unsecured.



Photo 4

**Load were removed from the hook**

Compliant

**Hook was raised to a safe position**

Compliant

**Powered motions are all disabled**

Compliant

**Keys are removed from crane**

Compliant

**Crane boom is left to weathervane where there is no risk of the boom contacting other structures**

Compliant

**Operator cabin is locked**

Compliant

**Machine desk access is restricted**

Compliant

**Recommendations**

**Enter recommendations here**

1. Understand requirements of the job - weight of the loads to carry, balance and the distance where you lift and move it to.
2. Identify all existing and new hazards - overloaded cranes, falling materials
3. Ensure that crane operator is trained and well equipped.
4. Be aware of the safety measures.
5. Perform daily inspections.

## Completion

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### Full Name and Signature of Inspector



Timothy Cane  
11.05.2023 15:23 PST

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# Media summary

**OVERHEAD CRANES** (REFER TO WORK PLAN)

**JOB DETAILS**

CRANE IDENTIFICATION: \_\_\_\_\_

CRANE TYPE: \_\_\_\_\_

CRANE SERIAL NUMBER: \_\_\_\_\_

CRANE MANUFACTURER: \_\_\_\_\_

CRANE WEIGHT: \_\_\_\_\_

CRANE CAPACITY: \_\_\_\_\_

CRANE LOCATION: \_\_\_\_\_

CRANE OPERATOR: \_\_\_\_\_

CRANE SUPERVISOR: \_\_\_\_\_

CRANE INSPECTOR: \_\_\_\_\_

CRANE DATE: \_\_\_\_\_

CRANE TIME: \_\_\_\_\_

**HAZARDS AND PRECAUTIONS TO BE TAKEN**

PLEASE ANSWER THE FOLLOWING QUESTIONS (YES/NO/NA)

Has the crane been inspected in the last 12 months?  Yes  No  NA

Has the crane been inspected by a competent person?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Mechanical Engineers (IMECH)?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Engineering and Technology (IET)?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Civil Engineers (ICE)?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Structural Engineers (IStructE)?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Mechanical Engineers (IMECH) and the Institution of Engineering and Technology (IET)?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Mechanical Engineers (IMECH) and the Institution of Civil Engineers (ICE)?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Mechanical Engineers (IMECH) and the Institution of Structural Engineers (IStructE)?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Mechanical Engineers (IMECH) and the Institution of Engineering and Technology (IET) and the Institution of Civil Engineers (ICE)?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Mechanical Engineers (IMECH) and the Institution of Engineering and Technology (IET) and the Institution of Structural Engineers (IStructE)?  Yes  No  NA

Has the crane been inspected by a competent person who is a member of the Institution of Mechanical Engineers (IMECH) and the Institution of Engineering and Technology (IET) and the Institution of Civil Engineers (ICE) and the Institution of Structural Engineers (IStructE)?  Yes  No  NA

Other precautions required: \_\_\_\_\_

Other safety equipment required: \_\_\_\_\_

**AUTHORISATION AND ACCEPTANCE**

PERSON IN CHARGE: \_\_\_\_\_

COMPANY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

AUTHORISING PERSON: \_\_\_\_\_

**HAND BACK AND CANCELLATION**

PERSON IN CHARGE: \_\_\_\_\_

COMPANY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

AUTHORISING PERSON: \_\_\_\_\_

Photo 1



Photo 2



Photo 3



Photo 4