

# Overhead Crane Daily Pre-start Inspection Checklist

## Construction

### AUDIT VERIFICATION

Please mention the Inspection Date

DATE

2017-01-01

Authorized Signature

SIGNATURE

Please mention the full name of the Inspector

Signature of the Inspector

SIGNATURE

### COMMENTS

Any warning/capacity signs, if yes please mention

textarea

### EQUIPMENT CHECKS

Is the area clear of obstruction where the load is managed?

Yes

No

Please select which of the motor equipment is in good/acceptable condition

☐ Bridge ☐ Motor ☐ Brake ☐ Wirings

Please select which of the shaft's equipment is in good/acceptable condition

☐ Shaft couplings ☐ Shaft Bearings ☐ Gears ☐ Wheels

Please select which of the Girders equipment is in good/acceptable condition

☐ Grinders ☐ Connections ☐ Guards ☐ Covers

Please select which of the bumper's equipment is in good/acceptable condition

☐ Bumper ☐ Bumper bolts ☐ Master switches ☐ Pushbuttons

Please select which of the main host equipments are in good/acceptable condition

☐ Motor ☐ Brake ☐ Couplings ☐ Hooks ☐ Cable attachments

Please select which of the Gear equipment is in good/acceptable condition

☐ Gears ☐ Shaft ☐ Bearings ☐ Upper/lower block

Please select which of the hooks/magnetic equipment is in good/acceptable condition

☐ Hoist cable ☐ Rope drum ☐ Guards ☐ Limit switch

Please select which of the motor and its equipment is in good/acceptable condition

☐ Motor ☐ Brake ☐ Couplings ☐ Gears/shafts/Bearings

Please select which of the trolley equipment is in good/acceptable condition

☐ Frames ☐ Wheels ☐ Guards ☐ Bumpers

Please select which of the rails and other equipment are in good/acceptable condition

☐ Conductors ☐ Rails ☐ Collectors ☐ Rail joints(along with span)

## LOAD CHECKS

Has the operator performed rigging and hoisting techniques?

Yes

No

Is the Hoist rope free of twists?

Yes

No

Is the Load attached properly by means of slings or other approved devices?

Yes

No

Are all obstacles cleared?

Yes

No

Is Load well secured and properly balanced?

Yes

No

Before starting the hoist, did you notice if the hoist rope is twisted?

Yes

No

Is the hook swinging over the load?

Yes

No

Did you notice any sudden acceleration or deceleration of the moving load?

Yes

No

Are there any obstructions to the Load?

Yes

No

When employees are on the load or hook, did you notice any lowering/hoisting?

Yes

No

Did the operator test brakes everytime when in use?

Yes

No

## PRE-OPERATION CHECKS

Is Crane registered and authorized to be used in operation?

Yes

No

Is operator in good condition and competent to work?

Yes

No

Are operating and emergency controls kept in place?

Yes

No

Is the operator aware of the location of disconnect switch?

Yes

No

Are the push button controls without warning signs?

Yes

No

Is the crane or in the runway area clear of people?

☐ Yes☐ No

Is the working area clear of people where the load will be kept and picked up?

☐ Yes☐ No

Is there an adequate area to keep the load?

☐ Yes☐ No