Constructr Solutions / Seraphim Santos / 31 Jan 2020

LOLER Inspection Checklist

Complete

Failed items	Created actions
2	8

Site Constructr Solutions
Address 14 Despard Rd., Manchester DL60FR
Inspected by Seraphim Santos
Conducted on 31st Jan, 2020 10:08 AM +08

Table of Contents

Failed items

2 Failed

LOLER Inspection Checklist / Regulation 9: Thorough Examination & Inspection

Is your lifting equipment exposed to conditions causing deterioration likely to cause a dangerous situation?	Yes
Is it thoroughly examined every 6 months (if lifting equipment/accessories are for lifting people)?	No

— Actions

To Do **Schedule thorough examination every 6 months using iAuditor**

Actions

8 Actions

SafetyCulture Staff created a Medium priority action

To Do 5th Feb, 2020 10:35 AM +08

Create power failure control measures
Create power failure control measures

In the event of a power failure, are there measures in place to prevent people from any resulting risks?

LOLER Inspection Checklist / Regulation 6: Positioning & Installation

SafetyCulture Staff created a High priority action

To Do 1st Feb, 2020 10:35 AM +08

Add SWL marking on these lifting accessories
Add SWL marking on these lifting accessories

Are accessories which can be separated from the equipment marked to indicate the equipment of which it is a part of?

LOLER Inspection Checklist / Regulation 7: Marking of Lifting Equipment

SafetyCulture Staff created a Medium priority action

To Do 3rd Feb, 2020 10:40 AM +08

Do lifting equipment refresher with single girder overhead crane
Do lifting equipment refresher with single girder overhead crane

Does the equipment have a travel or slewing motion to prevent trapping points or where not possible, controls to prevent access to these points?

LOLER Inspection Checklist / Regulation 6: Positioning & Installation

SafetyCulture Staff created a High priority action

To Do 1st Feb, 2020 10:40 AM +08

Plan and supervise lifting operations in this area
Plan and supervise lifting operations in this area

Is any load moving along a fixed path (e.g. hoist) protected by a suitable and substantial enclosure?

LOLER Inspection Checklist / Regulation 6: Positioning & Installation

SafetyCulture Staff created a Low priority action

To Do 7th Feb, 2020 10:40 AM +08

Fit rate capacity indicators or rated capacity limiters to crane truck
Fit rate capacity indicators or rated capacity limiters to crane truck

If overturning/overloading is a significant risk, are rate capacity indicators or rated capacity limiters fitted to the equipment?

LOLER Inspection Checklist / Regulation 4: Strengths & Stability / Overload

SafetyCulture Staff created a Medium priority action

To Do 4th Feb, 2020 10:50 AM +08

Develop a safe work system for danger zones

Develop a safe work system for danger zones

Is there a safe system in place to keep people out of the danger zone?

LOLER Inspection Checklist / Regulation 8: Organization of Lifting Operations (lifting or lowering) / Proximity Hazards

SafetyCulture Staff created a Low priority action

To Do 22nd Jul, 2020 10:50 AM +08

Schedule thorough examination every 6 months using iAuditor

Schedule thorough examination every 6 months using iAuditor

Is it thoroughly examined every 6 months (if lifting equipment/accessories are for lifting people)?

LOLER Inspection Checklist / Regulation 9: Thorough Examination & Inspection

SafetyCulture Staff created a Low priority action

To Do 6th Feb, 2020 10:55 AM +08

Schedule the review of LOLER inspection reports

Schedule the review of LOLER inspection reports

Do you periodically review the inspection and thorough examination reports as part of the management arrangements for controlling the lifting equipment?

LOLER Inspection Checklist / Regulation 11: Keeping of Information

LOLER Inspection Checklist

2 Failed 8 Actions

Lifting Equipment

Equipment

Equipment 1

Make & Model Crane Truck X5	
Serial Number LE-4235	
Equipment Description (with details of location, department, etc.) used for lifting metal walkways outdoors	
Is equipment specifically designed for lifting people?	No
Has the machine been fitted with a suitably designed and secured carrier/working platform?	Yes
Is it clearly marked that it is not for lifting persons?	Yes
Is the control position manned at all times?	Yes

— Photos

Photo 1

Equipment 2

Make & Model Warehouse Gantry Crane Pro
Serial Number LE-2197
Equipment Description (with details of location, department, etc.) Use for lifting big loads inside the factory

Is equipment specifically designed for lifting people?	No

— Photos

Photo 2

Has the machine been fitted with a suitably designed and secured carrier/working platform?	Yes
Is it clearly marked that it is not for lifting persons?	Yes
Is the control position manned at all times?	Yes

Equipment 3

Make & Model Single Girder Overhead Crane XP
Serial Number LE-3691
Equipment Description (with details of location, department, etc.) Used for lifting small loads inside the factory

Is equipment specifically designed for lifting people?	No
Has the machine been fitted with a suitably designed and secured carrier/working platform?	Yes

— Photos

Photo 3

Is it clearly marked that it is not for lifting persons?	Yes
Is the control position manned at all times?	Yes

Regulation 3: Application

Suitability

Is the design compatible with human dimensions?	Yes

Has a PUWER risk assessment been completed?	N/A
Is the equipment suitable for the task?	Yes

Materials

Is the equipment material suitable for the conditions it is to be used in?	Yes
How often is the equipment used? Every day	
What is the nature and characteristics of the load to be lifted? Walkways, pipes, bars	

Access

Is it safe and suitable?	Yes
Can safe access be achieved to maintain, repair, inspect, dismantle?	Yes
Is access permanent (preferably, it should be)?	Yes

Slips, Trips & Falls

Are slips, trips, falls minimized if a person is required to be present on the equipment?	Yes
Is the working place of adequate size and strength for people and any items required?	Yes
Are openings on the floor adequately covered or fenced?	Yes
Is edge protection provided at fall areas exceeding 2m?	N/A
At fall areas below 2m, where factors would increase the likelihood of a fall/serious injury, is edge protection provided?	N/A
Is edge protection suitable and securely fixed?	N/A
Do gates/barriers on edge protection open inwards or is there another safe method?	N/A
Is edge protection provided where there is a risk of an object falling from a workplace on the equipment onto a person below?	N/A

Operator Protection

Is the operator adequately protected against the environment?	Yes

— Photos

Photo 4

High Winds

If equipment/load can be affected by high winds, is it fitted with devices to detect dangerous situations that will enable measures to be taken to cease its use?	No

Regulation 4: Strengths & Stability

Strength

Does the equipment have adequate strength for the job to be done?	Yes
Does the equipment have an appropriate factor of safety against failure under foreseeable modes (e.g. fracture, wear, fatigue)?	Yes

Stability

Is the equipment of adequate stability for the job to be done?	No

— Photos

Photo 5

Do you need to take measures to resist overturning?	Yes
If stabilizing arrangements, are a part of the equipment are they in place and operating effectively before the equipment is used?	N/A
Is the equipment that is mobile, dismantled/reassembled, stable before use?	Yes

Overload

1 Action

If overturning/overloading is a significant risk, are rate capacity indicators or rated capacity limiters fitted to the equipment?	No

— Actions

To Do **Fit rate capacity indicators or rated capacity limiters to crane truck**

Are lifting points on loads of suitable strength?	Yes

— Photos


Photo 6


Photo 7

Regulation 6: Positioning & Installation 3 Actions

Is the equipment positioned or installed to minimize the need to lift loads over people and minimize the risk of injury to persons?	Yes
Is any load moving along a fixed path (e.g. hoist) protected by a suitable and substantial enclosure?	No

— Photos


Photo 8

— Actions

To Do **Plan and supervise lifting operations in this area**

Is the maximum height of travel for a load moving along a fixed path below 2m?	Yes
Is a means of protecting people from the underside of that equipment or its attachments in place (e.g. barrier, gate)?	N/A
Does the equipment have a travel or slewing motion to prevent trapping points or where not possible, controls to prevent access to these points?	No

— Actions

To Do **Do lifting equipment refresher with single girder overhead crane**

Is access to and from the equipment sufficient and does it protect people from dropping loads?	Yes

— Photos

Photo 9

Are uncontrolled movements of a freely suspended load prevented?	Yes
Are runway beams level and of sufficient stiffness to prevent drifting/running away?	Yes
Is the equipment fitted with suitable devices to minimize uncontrolled freefall of loads?	Yes
In the event of a power failure, are there measures in place to prevent people from any resulting risks?	No

— Actions

To Do **Create power failure control measures**

Are hooks of the type that reduces the risk of load-displacement fitted?	No

— Photos

Photo 10

If 2 or more items of equipment are being used, will collisions of loads and equipment be avoided?	N/A
Is there an adequate interlocked gate or similar device fitted and of suitable height to prevent falls down a shaft or hoistway, or, are other arrangements in place?	N/A
Is the gate or enclosure at least 2m high?	N/A

Regulation 7: Marking of Lifting Equipment 1 Action

Is the machine and accessories for lifting clearly marked with the safe working load (SWL)?	Yes

— Photos

Photo 11

If the machine is dependant on configuration or operating radius, is...	it clearly marked with SWL for each configuration.
Are accessories which can be separated from the equipment marked to indicate the equipment of which it is a part of?	No

— Photos

Photo 12

— Actions

To Do **Add SWL marking on these lifting accessories**

If a number of lifting accessories are assembled to form one lifting accessory and is not dismantled after use, is it marked to indicate its safety characteristics?	Yes
If the weight of any accessory is significant in relation to its SWL, is the accessory clearly marked with its weight?	Yes
If other characteristics or weight might make the use of the accessory unsuitable for any other piece of equipment, is this clearly marked on the accessory or is the information given to the user?	Yes
Are lifting accessories with only one SWL marked with that value or is there a color-coding system in place?	Yes
If an accessory configuration can affect the SWL is it clearly marked or is the user-provided with information?	Yes

Regulation 8: Organization of Lifting Operations (lifting or lowering)

Are all lifting operations properly planned i.e. address the risks identified by the Risk Assessment?	No

Are operations appropriately supervised?	No
Are operations carried out in a safe manner?	No
Is the load being lifted by 2 or more lifting equipment simultaneously?	N/A
Is suitable work equipment provided for the task?	Yes
If persons need to work below a load, are safe systems of work established which minimizes the risks?	No
If loads are left suspended, is access to the danger zone prevented?	No
Is the suspended load secured?	No
If persons have to work under a suspended load, are they aware of the risks and that the equipment has been thoroughly examined?	No
If the risk cannot be controlled by layout organiztion, are other measures in place to minimize the consequences if the load falls?	No
If these measures are not enough, have you provided a safe system of work to exclude people from the danger?	No
Do you need guidance for planning lifting operations?	Yes

LOLER Paragraphs 221-225

Planning individual lifting operations

221 For routine lifting operations the planning of each individual lifting operation will usually be a matter for the people using the lifting equipment, such as a slinger, the forklift truck operator etc. The person carrying out this part of the planning exercise should have appropriate knowledge and experience and the organisation should have a simple plan, generic risk assessment and procedures in place to support them.

222 An example of a simple plan for routine use of an overhead travelling crane would be:

(a) assess the weight and size of the load;
(b) choose the right accessory for lifting, eg depending upon the nature and weight of the load and the environment in which it is to be used;
(c) check the anticipated path of the load to make sure that it is not obstructed;
(d) prepare a suitable place to set down the load;
(e) fit the sling to the load (using an appropriate method of slinging);
(f) make the lift (a trial lift may be necessary to confirm the centre of gravity of the load; tag lines may be necessary to stop the load swinging);
(g) release the slings (boards or similar may be necessary to prevent trapping of the sling); and
(h) clear up.

223 The same principles could be applied to other routine lifting operations involving other types of lifting equipment, eg forklift truck, use of an electric hoist etc.

224 For routine similar lifting operations you may have a standard plan, but you should review it periodically to make sure that nothing has changed and the 'plan' remains valid. Examples of lifting equipment generally provided for routine lifting operations include:

(a) forklift trucks in a warehouse;
(b) a construction site hoist;
(c) a MEWP used for general maintenance;
(d) a suspended cradle used for window-cleaning;
(e) a vehicle tail lift; and
(f) a patient hoist.

225 For complex or non-routine lifting operations you should plan the task each time it is carried out.

Visibility

If the driver cannot observe the full path of the load, is there a banksman to guide the operator?	Yes
Are the signals or verbal communication used consistent with the code of signals in Schedule 1 of the Health and Safety (Safety Signs and Signals) Regulations 1996?	Yes
Are measures in place to prevent the load striking anything or a person?	No

Attaching/Detaching/Securing Loads

Are lifting accessories used for securing the load compatible with the load?	No

— Photos


Photo 13


Photo 14

Are measures in place to prevent disintegration of the load?	No
If ropes, chains, slings are shortened, is it done in a safe manner?	Yes
After attaching or detaching a load, does the operator wait for authorization before commencing to lift?	Yes
Is the load handler competent to select suitable lifting accessories?	Yes

— Photos


Photo 15


Photo 16

Environment

When the integrity of the lifting equipment could be affected by meteorological condition, do you halt its use?	Yes
Do you have a system of work that sets out measures required for particular weather conditions?	Yes
If weather conditions have affected the lifting equipment and are likely to jeopardize its safety, has a thorough examination been undertaken?	Yes

Location

Is there sufficient headroom to access/egress the site and to safely position and install the equipment?	Yes

Overturning

Are measures and checks in place to prevent lifting equipment from tilting, overturning, moving inadvertently or slipping?	No

Is dragging of loads banned when it is liable to cause damage or overturning?	Yes
Can the operator of the lifting equipment judge the weight of the load they will be lifting?	Yes

Proximity Hazards 1 Action

Are measures in place to minimize the risk from lifting equipment due to its proximity to other objects (e.g. excavations, overhead hazards, underground services, structures)?	Yes
Is there an all round 6m exclusion zone where there is a likelihood of anyone being struck whilst working near the wheel tracks of an overhead crane?	No
Is there a safe system in place to keep people out of the danger zone?	No

— Actions

To Do **Develop a safe work system for danger zones**

Derating

Is the lifting equipment derated when necessary to take into account the environment and mode of use?	Yes

Overload

Is the load more than the safe working load?	No
If the weight of the load is unknown and may be approaching the maximum weight the equipment can handle, do you ensure that it is not lifted until the weight is determined?	N/A
Do you ensure the area around the lifting equipment is clear when performing an overload test?	Yes
Are essential workers only retained to lift the load during an overload test?	Yes
Is the test completed as efficiently as possible?	Yes

Pre-use Check

Have the people using lift equipment received appropriate training, information and instruction on how to carry out pre-use checks?	Yes
Are pre-use checks undertaken before lifting equipment is used each working day/shift?	Yes
Is appropriate action taken to rectify any defects?	Yes

Continuing Integrity

Are all lifting accessories stored in conditions that do not lead to damage or deterioration?	Yes
Are suitable storage facilities provided for lifting accessories?	Yes

Regulation 9: Thorough Examination & Inspection 2 Failed 1 Action

Has lifting equipment been thoroughly examined before putting into service for the first time?	Yes
Have you received an EC Declaration of Conformity which is not over 12 months old?	Yes
Did you obtain the lifting equipment from another company?	N/A
Does the lifting equipment depend on installation conditions?	N/A
Is your lifting equipment exposed to conditions causing deterioration likely to cause a dangerous situation?	Yes
Is it thoroughly examined every 6 months (if lifting equipment/accessories are for lifting people)?	No

— Actions

To Do **Schedule thorough examination every 6 months using iAuditor**

Is it thoroughly examined every 12 months (for other equipment)?	Yes
Is it thoroughly examined every time exceptional circumstances occur that would jeopardize any lifting equipment?	Yes
Is it inspected, where appropriate at suitable intervals between thorough examination?	No

— Notes

we will now start using iAuditor for LOLER inspections

Do you ensure that thorough examination takes place after the lifting equipment is involved in an accident or dangerous occurrence?	Yes
Do you ensure that thorough examination takes place after a significant change in condition?	Yes
Do you ensure that thorough examination takes place after long periods out of use?	No
Is a thorough examination undertaken after substantial or significant modification, repair or when reconfigured?	No

Do you ensure that all lifting equipment that is used outside its normal place of work or equipment received from another organization or is given to another organization is accompanied by physical evidence of the last thorough examination report?	Yes
Does the risk assessment identify significant risk to the operator or other workers?	N/A

Regulation 10: Reports & Defects

Where there is an equipment or accessory defect involving existing or imminent risk or serious injury because of the failure of the equipment, do you send a copy of the report, as soon as possible, to the Health and Safety Executive?	Yes
— Notes Will automatically send a copy of this after digitally signing it	
Do you notify the person controlling the equipment's use of any defect which could become dangerous to a person?	Yes
Do you make a written record of the inspection?	Yes
Do you ensure that if you have been notified of any defect, you do not use the equipment before it is rectified?	Yes
Do you ensure that where a defect has not yet but could become a danger to persons, the equipment is not used before the defect is rectified?	Yes

Regulation 11: Keeping of Information 1 Action

Have you kept the EC Declaration of Conformity for equipment obtained after 5 December 1998?	Yes
Do you keep available for inspection thorough examination reports done for lifting equipment until you cease to use the equipment?	Yes
Do you keep available for inspection all thorough examination reports done for lifting accessories for 2 years after the report is made?	Yes
Do you keep available for inspection all thorough examination reports of lifting equipment where its safety is dependant on installation conditions?	N/A
Do you keep available for inspection all thorough examination reports of lifting equipment where if it is exposed to conditions causing deterioration it could result in dangerous situations?	No

Do you periodically review the inspection and thorough examination reports as part of the management arrangements for controlling the lifting equipment?	No

— Actions

To Do **Schedule the review of LOLER inspection reports**

Signature

Overall Recommendations

We need to supervise our lifting operations more and using digital checklists on our mobile devices can help us achieve that. Keep track of corrective actions in iAuditor analytics dashboard to monitor defects to be rectified, safe system of work plans, etc.

Evaluator's Name & Signature

Seraphim Santos

31st Jan, 2020 11:05 AM +08

Media summary

16 Photos

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 14

Photo 13

Photo 15

Photo 16