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August 11, 2018

Bill Grant
President/Owner
Best Company
1234 Main St
Anywhere, USA 12345

Re: Construction Safety Survey
Omaha, NE

Bill,

This report is in follow-up to the safety survey completed on July 23, 2018. The purpose of the survey was to identify potential safety hazards and/or OSHA violations. Bill Smith is the contact person at this location.

Attached, is a list of safety observations and recommendations based on conditions present at the time of my visit. If you have any questions or require additional information after reading this report, please don't hesitate to contact me.

Sincerely,

John Doe
Safety Consultant
My Company, LLC
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CC: Sam Miller
Tom Norton

DISCLAIMER: Observations and recommendations are purely advisory and based on practices and conditions observed and information provided at the time of this survey. They are not intended to include every loss or accident potential. It's the client's responsibility to make further observations and take whatever action that may be necessary to prevent losses, enforce safety procedures and eliminate hazardous conditions so as to comply with any federal, state, or local law, rule or regulation concerning safety and health.

Report Summary

Report Name: Construction Safety Survey
Completed for: Best Company
Inspection Date: July 23, 2018
Location: Omaha, NE
Contact: Bill Smith, Superintendent
Job Number: 12345
Project Manager: Tim Miller
Region: Midwest
Score: 61.4%

Scope of Work: Construction Site Safety Inspection

Findings:

Aerial/Boom Lifts

Positive Finding Workers in aerial lift are tied off to an approved anchorage point (1926.453)
Positive Finding Only trained and/or authorized operators are allowed to use aerial lifts (1926.453)

Issue Identified **Worker(s) observed standing on toeboard or rail of lift, did not keep both feet on floor of basket (1926.453)**

Recommendation *When working from an aerial lift, employees must stand firmly on the floor of the basket and not be allowed to step or climb on toeboard or railing of basket or use planks, ladders or other devices for a work position. Take appropriate steps to maintain compliance with this requirement. [reference 1926.453(b)(2)(iv)] [View OSHA Standard](#)*

Notes: Worker observed standing on mid-rail of JLG

Responsible Party: E.J. Erectors

Photo(s)



Observed one of the ironworkers standing on midrail when I arrived.

Positive Finding Aerial lift is stationary when boom or basket is elevated with workers in it (1926.453)
Positive Finding Aerial lifts are inspected daily/prior to use and inspections are documented (1926.453)

Cranes

Positive Finding Required safety devices (i.e. level indicator, boom/jib stops, stabilizer holding

device/check valve, horn, etc.) are installed and maintained (1926.1415)

Positive Finding A visual inspection by a competent person is completed each shift the equipment is used (1926.1412)

Positive Finding Signals (hand, voice, audible, etc.) and means of transmitting signals to the operator (direct line of sight, video, radio, etc.) are established (1926.1419)

Issue Identified Accessible areas within swing radius of crane are not barricaded to prevent workers from being struck or crushed (1926.1424)

Recommendation All accessible areas within the swing radius of a crane shall be barricaded to prevent workers from being struck or crushed. Take appropriate action to address issues of non-compliance. [reference 1926.1424(a)] [View OSHA Standard](#)

Notes: Observed 3 crawler cranes on site and two of them did not have guards.

Severity Rating: Advisory

Responsible Party: Master Construction

Photo(s)



Radius guard is missing



Radius guard is missing on this crane



This crane has radius guard, but it should be flagged

Electrical Safety

Positive Finding GFCI is used for temporary power connections (1926.404)

Notes: There was good use of temporary GFCI throughout.

Photo(s)



Proper use of GFCI



Temp GFCI cords were found throughout the work site

Issue Identified Not all flexible cord(s) are maintained in good condition (i.e. evidence of worn or frayed cords) (1926.416)

Recommendation Inspect electric cords or cables with each use and make sure worn or frayed cords are removed from service [reference 1926.416(e)(1)]. Ideally, damaged cords/cables should be completely removed from the work area and tagged DO NOT USE or they should be properly discarded (i.e. rendered unusable/cut in half, placed in trash receptacle). [View OSHA Standard](#)

****Corrected****

Item(s) noted above were corrected immediately! No further action required.

Notes: Several cords were observed and most were in good condition, with the exception of the one pictured in this report. It was immediately removed from service.

Responsible Party: Best Contractor

Photo(s)



This cord was removed from service

Issue Identified **Electrical cords are not adequately protected or kept clear of working spaces and walkways (1926.416)**

Recommendation *Instruct workers to keep electrical cords reasonably clear of working spaces, walkways or similar areas to minimize trip/fall hazard and to protect cords from damage [reference 1926.416(b)(2)]. Consider re-routing cords away from active work areas or eliminating cords that are no longer needed. In some situations, it may be necessary to suspend cords (using an approved method) or bury them (using an approved protective cover) to minimize risk of damage or electrical shock. [View OSHA Standard](#)*

Notes: Cord near job trailer needs to be relocated.

Responsible Party: Master Construction

Photo(s)



Flexible cord near job trailer should be relocated

- Positive Finding Employees avoid working near unprotected energized circuits (1926.416)
- Positive Finding Equipment or circuits that are deenergized are locked or tagged out (1926.417)
- Positive Finding Entrance to rooms/locations with exposed live parts are marked with warning signs forbidding unqualified persons to enter (1926.403)
- Positive Finding Electrical panels/circuits are effectively enclosed (1926.405)
- Positive Finding Electrical receptacles have an approved cover or faceplate (1926.405)
- Positive Finding Proper clearance (minimum 3 ft.) is maintained in front of and around electrical equipment (1926.403, Table K-1)
- Positive Finding Weatherproof enclosures are properly installed on electrical cabinets, fittings, boxes, outlets, switches, breakers, etc. installed in damp/wet locations (1926.405)

Fall Protection

Positive Finding Employees are protected from falls at unprotected sides/edges when working 6 feet or more above lower level (1926.501)

Photo(s)



Good example of fall protection!

Positive Finding Guardrails are installed, maintained and compliant (1926.502)

Issue Identified **The PFA System does not protect employee(s) from coming in contact with lower level (1926.502)**

Recommendation *When using Personal Fall Arrest Systems, the PFA system must be rigged such that an employee does not contact any lower level if they should fall. Take steps to address deficiencies as noted in report. [reference 1926.502(d)(16)(iii)] [View OSHA Standard](#)*

Notes: There were a couple of instances where a retractable lanyard would have been a better option versus 6' lanyard in order to limit fall distance.

Severity Rating: Serious

Responsible Party: E.J. Erectors

Photo(s)



Consider alternative tie-off method (i.e. retractable to limit fall distance)

Positive Finding Floor hole covers are secured, capable of supporting 2x maximum load, and appropriately marked (1926.502)

Issue Identified **Control lines are not erected at least 6 back feet from all unprotected/leading edges when erecting precast concrete members (1926.502)**

Recommendation *When erecting precast concrete members, the control line shall be erected not less than 6 feet nor more than 60 feet or half the length of the member being erected, whichever is less, from the leading edge. Take steps to install, repair or replace control lines as needed. [reference 1926.502(g)(1)(ii)] [View OSHA Standard](#)*

Notes: Need to reevaluate worksite and install control lines as required (specifically along north edge of roof on main building)

Severity Rating: Serious

Responsible Party: Atta Boy Roofing

Photo(s)



Need warning lines installed in area marked in red

Positive Finding

The warning line is flagged (at least every 6 feet) and suspended between 34 and 39 inches above the roof surface (1926.502)

Fire Safety

Issue Identified Fire extinguishers not maintained in operating condition (1926.150)

Recommendation Take steps to ensure all fire extinguishers used at the jobsite are fully charged and maintained in good operating condition [reference 1926.150(a)(4)]. Defective equipment should be immediately replaced. [View OSHA Standard](#)

Notes: This extinguisher near mechanical contractors appears to have been discharged

Severity Rating: Advisory

Responsible Party: Midwest Mechanical

Photo(s)



Issue Identified The travel distance to nearest fire extinguisher is not within 100 feet (1926.150)

Recommendation The travel distance from any point of the protected area to the nearest fire extinguisher shall not exceed 100 feet of travel distance [reference 1926.150(c)(1)(i)]. Take appropriate steps to ensure an adequate number of working fire extinguishers are provided at the worksite to meet this requirement. [View OSHA Standard](#)

****Corrected****

Item(s) noted above were corrected immediately! No further action required.

Notes: Couldn't find a fire extinguisher on the roof

Severity Rating: Moderate

Responsible Party: Atta Boy Roofing

Photo(s)



Positive Finding

Only approved/UL listed fire extinguishers are provided (1926.150)

Positive Finding

Flammable/combustible liquids are stored in approved/closed containers (1926.152)

Photo(s)



Good use of metal gas cans throughout

Fueling Operations

Issue Identified Fuel tanks are not properly labeled/identified (NFPA 30)

Recommendation Take steps to ensure fuel tanks are properly labeled and/or identified with fuel name stenciled on tank, flammable placards, etc. per requirements in NFPA 30 and/or applicable local/state codes.

Notes: Contact fuel supplier to have them label fuel tanks

Severity Rating: Advisory

Responsible Party: Panther Construction

Photo(s)



Fuel tanks are not properly labeled

Housekeeping

Issue Identified Housekeeping is unacceptable/needs improvement (1926.25)

Recommendation Take steps to ensure all work areas, passageways, and stairs are kept reasonably

clean, orderly and free of scrap lumber, trash, debris, cords, etc. [reference 1926.25(a)].
[View OSHA Standard](#)

Notes: Housekeeping throughout worksite needs to be improved.

Severity Rating: Moderate

Responsible Party: Best Contractor, Drake's Drywall, Spellman Construction

Photo(s)



Drakes Drywall



Spellman Construction



Best Contractor

Issue Identified

Workers are exposed to scrap lumber with protruding nails (1926.25)

Recommendation

Scrap lumber with protruding nails shall be kept cleared from work areas, passageways, and stairs, in and around buildings or other structures [reference 1926.25(a)]. [View OSHA Standard](#)

Severity Rating: Moderate

Responsible Party: Panther Construction

Photo(s)



Nails were removed or bent down on several boards of scrap lumber

Ladders/Stairs

Issue Identified

Not all ladders are set up at proper angle (1926.1053)

Recommendation

Take steps to ensure ladders are set up at a proper angle where the horizontal distance from the top support to the foot of ladder is approximately 1/4th the working length of the ladder. As a general rule of thumb, the worker should be able to stand vertically with both feet against the base of the ladder and reach out horizontally with both arms fully extended and grasp the side rails. [reference 1926.1053(b)(5)(1)] [View OSHA Standard](#)

Notes: Ladder is sagging, doesnt appear to be set at proper angle

Responsible Party: E.J. Erectors

Photo(s)



Issue Identified Top of ladder/side rails are not secured as needed to prevent side shift (1926.1053)

Recommendation Take appropriate steps to ensure ladder side rails are secured to a rigid support to prevent the top of ladder from shifting (i.e. slipping sideways and possibly falling over). [reference 1926.1053(b)(1)] [View OSHA Standard](#)

Responsible Party: Best Contractor

Photo(s)



Ladder not secured



Ladder needs to be tied off

Issue Identified Handrails are not provided as required on stairs with 4 or more risers (1926.1052)

Recommendation Take steps to ensure all stairways having four or more risers or rising more than 30 inches, whichever is less, are equipped with at least one handrail or two if both sides are open. [reference 1926.1052(c)] [View OSHA Standard](#)

Notes: Stairs to electrical contractor storage trailer need a handrail

Responsible Party: Able Electric

Photo(s)



Electrical Contractor Trailer

Positive Finding Treads and/or landings on pan stairways are filled with concrete or temporary wood fillers (1926.1052)

PPE

Issue Identified Not all employees used ANSI approved eye protection as required (1926.102)

Recommendation Take steps to ensure employees are provided with and required to wear appropriate eye protection equipment (i.e. ANSI approved) for the task whenever the potential for eye injury exists. [reference 1926.102(a)(1)] [View OSHA Standard](#)

Notes: Overall, use of eye/face protection was good, but found plumber not wearing safety glasses

Responsible Party: Columbia Plumbing

Photo(s)



Contractor not wearing safety glasses

Positive Finding Face protection is used when sawing, cutting, grinding, welding, etc. (1926.102)

Photo(s)



Excellent use of face protection

Positive Finding Hard hats are worn as required (1926.100)

Positive Finding Appropriate safety footwear is worn as required (1926.28)

Positive Finding Hearing protection is provided/used as required (1926.52)

Public Protection

Positive Finding Public exposure to airborne contaminants (dust/fumes/smoke) are adequately controlled (ANSI A10.34-2001 (R2012) Section 3.2.2)

Positive Finding Controls are in place to protect the public where construction operations are near pedestrian/vehicular traffic (ANSI A10.34-2001 (R2012) Section 3.2.3)

Positive Finding Areas where public is exposed to mobile equipment are barricaded/guarded (ANSI A10.34-2001 (R2012) Section 3.2.7.2)

Positive Finding Barriers, enclosures, netting, etc. is used to protect public from falling/wind-borne objects (ANSI A10.34-2001 (R2012) Section 3.2.8)

Positive Finding Measures are taken (i.e. fencing, signs, etc.) to restrict public access to jobsite (ANSI A10.34-2001 (R2012) Section 3.2.9)

Photo(s)



Fencing installed around perimeter of site



Good use of signage on fencing

Rigging

Positive Finding Rigging equipment is inspected daily and during use and maintained in good condition (1926.251)

Issue Identified Not all rigging equipment is properly tagged/labeled with required markings (1926.251)

Recommendation Employers must ensure that all rigging equipment (i.e. slings, fastenings, attachments, etc.) has permanently affixed and legible identification markings as prescribed by the manufacturer that indicate the recommended safe working load. Rigging equipment shall not be used if markings are missing or illegible. [reference 1926.251(a)(2)(i) and (iii)] [View OSHA Standard](#)

Notes: Spec tags missing on several wire rope slings

Severity Rating: Advisory

Responsible Party: Best Contractor

Photo(s)



Positive Finding Rigging equipment is used per manufacturer's specifications (Best Practice)

Positive Finding Rigging equipment is properly stored when not in use (Best Practice)

Safety Training

Positive Finding Toolbox talks are completed weekly per company policy (1926.21)

Notes: The superintendent just finished a safety huddle on the topic of Heat Stress as I showed up on site.

Photo(s)



Positive Finding Toolbox talks are documented/signed by employees (Best Practice)

Scaffolds (Supported)

Positive Finding Legs/posts/frames/uprights are supported on base plates and mud sills (1926.451)

Photo(s)



Issue Identified **Scaffolds are not inspected and/or free of visible defects (1926.451)**

Recommendation *Scaffolds and components are to be inspected for visible defects before each work shift, and after any occurrence affecting a scaffold's structural integrity [reference 1926.451(f)(3)]. [View OSHA Standard](#)*

Notes: Inspections occur but no documentation can be found

Severity Rating: Advisory

Responsible Party: Bricks Masonry

Photo(s)



Positive Finding Ladder or approved means are provided/used to access platform (1926.451)

Positive Finding Work platform is reasonably clean/free of excessive debris (1926.451)

Positive Finding Scaffolds and scaffold components are not loaded in excess of their maximum intended loads (1926.451)

Steel Erection

Issue Identified Site layout is not properly graded, drained, and/or there's inadequate space for safe storage (1926.752)

Recommendation The site layout must have a firm, properly graded and drained area with adequate space for the safe storage of materials and the safe operation of the erectors equipment [reference 1926.752(c)(2)]. [View OSHA Standard](#)

Notes: Laydown yard should be relocated or provide better drainage for water

Responsible Party: E.J. Erectors

Photo(s)



Positive Finding Guardrails and toeboards are installed around structural openings such as stairs and elevator openings (1926.754)

Positive Finding Tools, equipment, materials aloft when not in use are secured against accidental displacement (1926.759)

Photo(s)



Positive Finding Perimeter safety cables are installed at all exterior/interior perimeters as soon as decking is finished (1926.760)

Positive Finding Perimeter safety cables are flagged at 6 foot intervals with high-visibility material (1926.760)

Positive Finding Custody of fall protection has been transferred to the controlling contractor or representative in areas where steel erection activity has been completed (1926.760)

Closing Comments:

All issues of non-compliance were reviewed prior to leaving the site. An action plan will be implemented to address deficiencies in a timely manner.

Score Summary

Positive Findings: 45
Negative Findings: 18
Total Findings: 63

Severity Adjustment

Critical Findings: 0 (deduct 10% for each)
Serious Findings: 2 (deduct 5% for each)
Other Neg Findings: 16 (Minor, Moderate, Advisory)

Score: 61.4% Positive

Severity Adjustment: 10.0%

Submitted by:
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Geo-Tag Information:
Latitude: 41.290981
Longitude: -96.120644
Date: 07/26/2018
Time: 07:58 AM CDT

Inspector Signature:

July 26, 2018 07:58:21 CDT

Site Contact Signature:

July 26, 2018 07:58:21 CDT
