Supported Scaffold Council
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WELCOME TO THE DIGITAL VERSION OF SAIA COMMITTEE WEEK IN KC!!
Supported Scaffold Council

presented by

Wendy Larison
Dave Johnston
James McNamara
1. Introductions
   a. Council
   b. Members

2. Council Updates
   a. Sample of Scaffold User Hazard Awareness checklist
   b. Training updates – Daphne Reitz
      i. User Hazard Awareness
      ii. SAIA Scaffold Inspectors course

3. Topics for Discussion
   a. Inspection Training – Types of Inspection training
      i. HA Scaffold Inspections
      ii. Component inspections
      iii. Post Scaffold Inspections
   b. Cantilevered Scaffold presentation by Daryl of BrandSafway

4. New Business (e.g., upcoming programs or initiatives, revisions to COSPs and other resource documents, etc.)
   a. Tip Sheet for Cantilevered Scaffolds – including Cantilevered Brackets, system component cantilevers, beam and putlog cantilevers, cantilevered debris nets, cantilevered personal safety nets.
   b. Frame Scaffold Collapse
   c. Covid19 and the Scaffold Industry

5. Q&A/Wrap-Up
House keeping and Introductions

House keeping

- Mute
- Raise Hand
- Use the Chat

Introductions

- Virtual handshakes
- Whova
- Discussion board
- Group chats
Council Updates

Training updates – Daphne Reitz
  • User Training
  • Scaffold Inspectors Course

Inspections and checklists
  • HA Checklist
  • Scaffold Component list

Cantilevered Supported Scaffolds
  • Cantilevered Brackets, system component cantilevers, beam and putlog cantilevers, cantilevered debris nets and cantilevered personal safety nets
Scaffold Inspections

Types of scaffold inspections.

Scaffold site inspections that include Hazard awareness.

Scaffold Component Inspection

Post Scaffold incident inspections
Scaffold HA Inspections

- To assist safety professionals
- To increase safety in the scaffold industry
- To assist workers on construction sites
- Other – SAIA name in other industries
On-line Scaffold checklists

SAIA
SCAFFOLD & ACCESS INDUSTRY ASSOCIATION

SCAFFOLD INSPECTION CHECKLIST
## Samples of User HA checklist

### SAIA training check list

<table>
<thead>
<tr>
<th>Preparation Checklist</th>
<th>Resource</th>
<th>✅</th>
<th>X</th>
<th>n/a</th>
</tr>
</thead>
<tbody>
<tr>
<td>Determine materials list for scaffold</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select equipment with correct load-bearing capacity</td>
<td>Check Manufacturer's Information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light duty 32 psi</td>
<td></td>
<td>✅</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium duty 50 psi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy duty 75 psi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have the manufacturer's instructions been read and understood?</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Does the crane spacing and workers size match the estimated load with a safety factor of 4?</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Survey site ensuring the scaffold will be on a flat level and the site is free of hazards; check for:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Buckets, Frames, Ground, Mill, or pools of water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Electrical hazards</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Potential dangers to the public and employees</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ladders, Awnings and overhangs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Correct any unsafe conditions:**

- Impact all equipment prior to use
- Load on ladders, winds, doors and bench, corrosion, missing links
- Environmental or environmental equipment tagged and set aside or removed

### Frame Scaffold Erection

<table>
<thead>
<tr>
<th>Frame Scaffold Erection Continued</th>
<th>✅</th>
<th>X</th>
<th>n/a</th>
</tr>
</thead>
<tbody>
<tr>
<td>The working platform is correctly positioned and secured</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are the platform scaffold guardrails properly installed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are the platform scaffold guardrails properly secured?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is the work area free from any obstacles?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are the guardrails properly secured?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
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<tr>
<td>Is the work area free from any obstacles?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Frame Scaffold Erection Continued:**

- Scaffold has been inspected for compliance by a competent person
- Tied off to prevent failure from wind forces per regulations
- Sufficient construction per manufacturer's specifications
- Safety harness and ground lines in all platforms for roofing and cladding levels and materials
- Warning signs are in place
- Training, Types, Placement Rights
- Scaffolding rigged if required
- Sufficient User hazards identified on any rigging required

**Frames:**

- Foundations
- Anchors
- Ties
- Guardrails
- Platforms
- Dangers

**COMMENTS**

- Employee Signature
- Authorized Company Signature
- Check Off Date

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*Image of the committee week 2020 in Kansas City.*
Samples of User HA checklist

<table>
<thead>
<tr>
<th>SCAFFOLD CHECK LIST</th>
<th>LEGALITY CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Use the scaffold properly and safely</td>
<td>2. Code</td>
</tr>
<tr>
<td>3. All personnel are trained and licensed</td>
<td>3. Code</td>
</tr>
<tr>
<td>4. All personnel have proper PPE</td>
<td>4. Code</td>
</tr>
<tr>
<td>5. All personnel have a supervisor</td>
<td>5. Code</td>
</tr>
</tbody>
</table>

Note: The table above is a sample of a User HA checklist. It includes various items such as scaffold components, equipment, usage, personnel training, licenses, personal protective equipment (PPE), and supervisors. The code column indicates compliance with legal requirements.
User HA Check list review

• Comments?

• Additions??

• Deletions??
Scaffold Component Inspection

- To assist yard workers to properly inspect components coming back from a job
- To increase safety by inspection components properly
- To assist workers on construction sites to inspect components
- Other – Increase the exposure of the SAIA name in other industries
Scaffold Component Inspection

- Scaffold Equipment Inspection template
  June 2010 Rev Planks1.ppt
List of Components to Inspection

- Frame Components
- Platform Components
- Base Components
- Accessories
- Cantilever Components
- System Components
- Tube and Clamp Components
- Bridging Components
- Specialty Components
- Other
Scaffold Component Inspection

• List of components to add
• Delete components??
• Just stick to the generic components

• Composite Planks
• Shoring components
• Roof structures
• Allan’s ladder brackets
  •
  •
  •
Scaffold Post Incident Inspection

- Scaffold Industry Association Post Inspection Program.docx
Scaffold Post Incident Inspection

- Who would this benefit
  - Safety Personnel
  - Scaffold Contractors
  - General Contractors

- Thoughts??
Commercial Break

The SAIA Education Foundation (SAIAEF) is an independent, non-profit organization dedicated to funding the program development of safety training and education in support of the SAIA mission. The SAIAEF also provides resources that enhance and advance the scaffold and access industry in general.
Commercial Break

What is the SAIAEF up to??

This year’s fundraiser is Donations for Mini Scaffolds
Commercial Break

Help the SAIAEF and get your Mini Scaffolds by . . . .

Emailing the SAIAEF
or
the Supported Council
Or

https://saia-education-foundation-payment-portal.square.site/
System Cantilevered Scaffold Incident

Presentation by Darryl Guercio
Cantilevered Scaffold Tip Sheet

Frame Cantilevers

- Manufacture Specifications and components
- Proper installation
- Cautions/Considerations
- Proper use
- Safety
Cantilevered Scaffold Tip Sheet

Frame Cantilevers

Also known as Side brackets, Hanging brackets and End Brackets

Tip Sheet - Frame and Brace Cantilevers.docx
Scaffold Collapse

https://edmonton.ctvnewsws.ca/video?clipId=1930006&jwsourc=em
Scaffold Collapse

Occurred
Date: Thursday April 2\textsuperscript{nd}, 2020
Time: 5:30pm
Place: Edmonton
Conditions: Windy
20kmh (13 mph)

Social Media comments
Frame and brace scaffolds should never be used.
Scab Scaffold Company to install frame and brace scaffolds
No one ever mentioned lack of training, ties being removed, loads not calculated . . . . . . .
New topics for the Scaffold Industry

Dealing with the Covid19 virus

How has it affected the industry?

Is there already new Conditions for worksites?

Future of working and practicing Social Distancing when erecting scaffolds?

New topics for the Scaffold Industry

Future of Dealing with viruses

APRIL 24, 2020 | SA CONNECTION | PREVIEW of the MAY/JUNE 2020 ISSUE

Welcome to this special edition of the SA Connection, featuring guidelines for jobsite safety during the COVID-19 pandemic. Find more resources here and please stay safe!

SURVIVING COVID-19 TOGETHER
By Grant Frame, Regional Safety Manager for Sunbelt Rentals

The COVID-19 pandemic and crisis of 2020 will cause lingering effects in construction practices long after the virus dissipates across the United States and beyond. The ways that people work together, perform onsite meetings, aggregate on jobsites, and practice hygiene methods all need to change for the foreseeable future due to current mitigation guidelines and social distancing measures in place.

Almost 7% of the U.S. economy is comprised of construction and construction-related activities. Construction is not only essential to the men and women of the trades but to the economy as well. Balancing the safety of our workers while moving the economy forward must stay in the forefront of our minds even in the midst of the pandemic.

We have your back.
The first conversation to have with those working on jobsites across the United States is simple. “We have your back and understand your apprehension.” Handling scaffold materials on large industrial projects with pulses of personnel from every trade can be difficult when trying to practice social distancing. Adding guidelines to mitigate exposure should be considered and communicated to all trade workers.

Guidelines to consider include:

- Encourage crews to stay together and limit their exposure to others when possible. If they travel short distances to their work locations, consider having them drive their own vehicle or limit how many workers ride together.
- Clean all vehicles, including shared equipment daily with a disinfectant to keep surfaces clean and virus free. Increased housekeeping measures will help limit exposures to COVID-19 as well as other illnesses in the workplace.
- During morning and afternoon break times, including lunch, try to limit people congregating in small areas. Staggering break times and lunches can aid in this process.
- Smaller work groups will limit unnecessary exposures and increase the quality of job safety analyses (JSAs) and interpersonal communication with the crews, which is vital in maintaining a strong rapport with teams.
- Avoid sharing tools with others and consider using mechanical means of material handling when applicable to keep crews as small as possible.
- Employee hydration is another concern. Promote hydration measures that limit or reduce exposure to illness. Using water coolers should be avoided, and employees should have access to individual bottles of water that are labeled with their name until disposal. All ice coolers for water bottles should be cleaned daily with a disinfectant to keep surfaces clean and virus free.
- Employees should be encouraged to wash hands frequently during the day. If hand washing facilities are not readily available, crew members could bring additional containers of soap and water labeled “hand washing” for job sites.
- Use hand sanitizer when hand washing facilities are absent or limited but keep in mind that hand sanitizer is flammable. Extra caution should be taken when working around open flames or, in the case of smokers, during breaks.
- Finally, encourage all personnel to stay home from work if they feel ill. This is vitally important as most workers are hourly and could possibly feel the need to work through an illness to obtain their weekly allotment of hours to meet their budgets.
- Mandate sick workers stay home for at least 72 hours after their symptoms subside. This is how one can break the spread of the virus.
Wrapping up the meeting!!

The Supported Council welcomes any feedback that will make our meetings better and useful to the SAIA members!!

While we are still working out the digital system, We encourage you to give the SAIA feed back.
Thanks to everyone that participated!!

THE SUPPORTED COUNCIL HOPES TO SEE EVERYONE SEPTEMBER 14-17, 2020 IN PHOENIX ARIZONA