FALL PROTECTION RECERTIFICATION REPORT

M1151

DAYTON, OHIO

12/21/2019
12/30/2019

Dear City of Dayton,

I would personally like to thank you for selecting Diversified Fall Protection for the annual inspection and recertification of your company's fall protection systems.

Included with this letter is a detailed report of our findings and any necessary corrective action required to maintain proper system function.

In the event of a fall, OSHA will require the documentation included in the report to ensure compliance with their regulations. Such documents include:

- Engineered System Drawings
- Engineering calculations
- Training documentation/Sign-in roster

It is important to keep these inspection reports for your records. Please remember for added convenience, DFP will keep electronic copies of all paperwork, should the need arise.

- This Certification is good for one (1) year from inspection date listed and will need to be performed again by 12/21/2020.

We commend City of Dayton for your initiative in maintaining compliance and taking a proactive approach to the safety of your employees. If you should have any questions or concerns, please do not hesitate to contact us. Our company is committed to ensuring that all our clients remain OSHA compliant in fall protection.

Thank you again for your active participation in assisting us to maintain our commitment.

Yours in safety,

Jacqueline Forsythe
Diversified Fall Protection
RECERTIFICATION REPORT

Inspector: Patrick Prestridge  
Date of Inspection: 12/21/2019  
Location: Dayton, OH  
System Description: (12) Miller Overhead Horizontal Lifelines (HLL). Each Basin has (3) HLL connected to (8) “L” gallows. The “L” gallows are bolted to a steel structure. Each HLL consists of: (8) intermediate brackets with cable sleeve, (2) swaged toggles with slip indicators and (1) Miller tensioner. There are (3) systems per basin identified as: The outer system “A” system (115’), the middle system “B” (95’) and the inner system “C” (70’).

Scope of the inspection Horizontal Lifeline (HLL): All hardware, swages and slip indicators were inspected for proper tightness. All welds were inspected for cracks and obvious signs of damage. Each “L” gallows was inspected for damage and corrosion. The entire length of the cable was inspected for damage, frays, impact and proper tension. The intermediate brackets were inspected for damage and clear passage of a shuttle.

Location: Basin 1  
System: (3) HLL  
Assessment: The trolley does not pass through the cable sleeve of the southeast intermediate bracket on the C system. The cable sleeve is bent upward. There is no system sign or attention notice sign. As a result of missing signage, the systems are not compliant with OSHA regulations. Signage must be added. These systems are cleared for fall protection use.

Location: Basin 2  
System: (3) HLL  
Assessment: All the cable sleeves on the C system are bent upward preventing the trolley from passing freely except for the 1st intermediate bracket on the southeast side. There is no system sign or attention notice sign. As a result of missing signage, the systems are not compliant with OSHA regulations. Signage must be added. These systems are cleared for fall protection use.
**Location:** Basin 3  
**System:** (3) HLL  
**Assessment:** There is a gap between the swag and the slip indicator on system B. There are no system indications of impact to the B system. As a result of this gap (either through impact or poor installation) the B system fails inspection and is not cleared for fall protection use. There is no system sign or attention notice sign. As a result of missing signage, the systems are not compliant with OSHA regulations. Signage must be added. The A and C systems are cleared for fall protection use.

**Location:** Basin 4  
**System:** (3) HLL  
**Assessment:** The trolley does not pass through the cable sleeve of the northwest intermediate bracket on the C system. The cable sleeve is bent upward. There is no system sign or attention notice sign. As a result of missing signage, the systems are not compliant with OSHA regulations. Signage must be added. These systems are cleared for fall protection use.

**Notes:** The C systems were installed with the intermediate brackets oriented 180 degrees opposite of the A and B systems. It appears as though the force of the cable over time has bent many C systems intermediate brackets' cable sleeve upward. As a result of the bent bracket, the trolley hits the intermediate bracket and cannot pass (please see pictures below).

**Recommendation(s):** Replace the B system on Basin #3. Replace all C systems with new HLLs.