Building Envelope Consulting BIM Consulting Structural Engineering Forensic Engineering ZS LLC 10501 W Research Drive Suite 207 Milwaukee, WI 53226 Phone 414.727.5000 Fax 414.727.6666 Web zsllc-us.com

2024 Annual Fall Protection System Inspection Report				
Inspection Dates:	June 20, June 21 & June 26, 2024			
Report Issue Date:	July 2, 2024			
Client:	Cushman & Wakefield			
Project Address:	777 East Wisconsin Avenue, Milwaukee, WI 53202			
Building Name:	US Bank Tower (16 th Floor & 41 st Floor)			
ZS Project Number:	247115			
Attention:	Mr. Dennis Kelley (Chief Engineer)			

Inspection Description:

- A visual inspection of each visible / accessible component of the system for any visual signs of distress.
- Documentation of each component condition with photographs.
- A comparison of component issues identified during this inspection with previous inspection records (all associated ZS Reports) and photographs.
- Review system compliance with the current OSHA 1910 Subpart D Walking-Working Surfaces rules and regulations.
- Review The Use Log (Use Log was available during the annual inspection).
- See Appendix A for the MSA Latchways Horizontal Fall Protection Periodic Inspection Checklist (Traditional Engineered System).
- See Appendix B for the MSA Mobile Anchor Point Periodic Examination Checklist.
- See Appendix C for the updated MSA Latchways Horizontal System stickers.

Inspection Findings:

Item Description	Quantity	Photo(s)	Category (OSHA Compliance or Maintenance)
The Use Log shows usage of the HLL system beyond the 1-year annual inspection approval date 03/01/2024. Between 04/01/2024 & 05/31/2024.	15	1-3	OSHA Compliance The HLL system should not be used beyond the annual inspection date approval of 03/01/2024, until the next annual inspection is performed.
Peeling label on Transfastener	1 (3)	4	Maintenance Replace the peeling label.
Multiple missing yellow buffers on multiple Transfasteners	3 (1, 3 & 4)	5	Maintenance The missing yellow buffers should be replaced on multiple Transfasteners.
Both HLL systems were only certified for usage with only 2 workers on each HLL at a time.	-	-	Observation Only 2 workers are permitted to work on each HLL at a time.

Equipment Approved for Use for One (1) Year from the Above Inspection Dates:

Item Description	Quantity	Load Test Certification Expiration Date
Horizontal Lifelines (HLLs)	2	08/10/2031
MSA Latchways Removable Transfasteners	4	08/10/2031
Single Point Corner Anchor	8	08/16/2029

Responsibility	Name	Signature
Certified MSA Latchways Horizontal System Installer & Inspector	Marko Coralic	Morbo Coralie
Field Inspector	Chris Neseman	Allen
Engineer / Reviewer	Ziad M. Salameh, PhD, PE	

Photographs

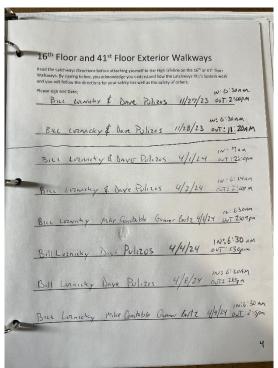


Photo 1: 6 days of usage (Page 4) beyond March 1, 2024.

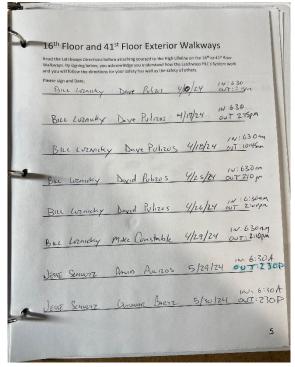


Photo 2: 8 days of usage (Page 5) beyond March 1, 2024.



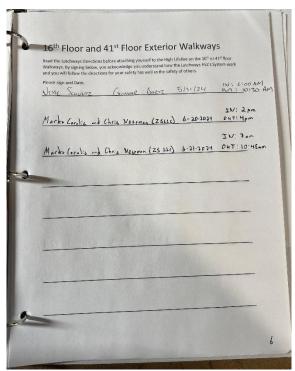


Photo 3: 1 day of usage (Page 6) beyond March 1, 2024.

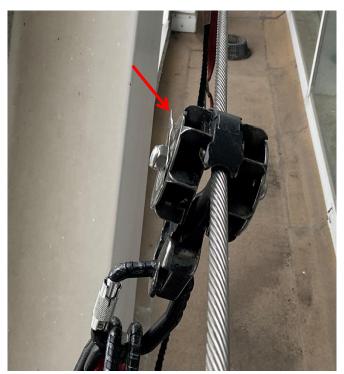


Photo 4: Peeling label on Transfastener #3.



Photo 5: Multiple missing yellow buffers on multiple Transfasteners. TYP.

- End-of-Report -

US Bank Tower – 16th & 41st Floor HLLs 2024 Annual Fall Protection System Inspection Report July 2, 2024

Appendix A

MSA Latchways Horizontal Fall Protection Periodic Inspection Checklist Traditional Engineered System



Appendix B

MSA Mobile Anchor Point – Periodic Examination Checklist



Appendix C

Updated MSA Latchways Horizontal System – Stickers (16th & 41st Floor)

