St. Louis Audit of Fall Risks – Revised July 2011

Foreman Name_____ **Address**_____**Visit #**_____ **Date**_____

Type □ single □ 2-3 family □ 4+ family **Cycle Time** _____ **# in Crew** _____ **# Jman/App**_____ **Time**_____ **Auditor**_____

Stage of Construction □ ground breaking/ layout □ foundation □ floor joist installation □ framing 1st story □ framing floor 2/3 □ roof sheathing □ window/door setting □ roof truss installation □ exterior finish/siding □ other_____

General Safety Climate & Housekeeping			**Comments**
1. All workers wear hard hats	NO		
2. All workers wear safety glasses or other form of eye protection	NO		
3. Pathways & access points are free of materials, debris & projectile hazards	NO		
Walking/Working Surfaces over 6' from lower level	**Phase Observed:**	**YES** (score category) **NO** (don't score)	
4. Holes >6' above lower levels are covered or guarded; a hole is a gap >2" in a pathway commonly accessed	NO	NA	
5. Stairwell has sturdy handrail on at least one side that can withstand 200# force	NO	NA	
6. When working >6' above lower level, **conventional fall protection** is used at all walking/working surfaces & wall openings with bottom edge < 39"	NO	NA	
Floor Joist Installation/Floor Sheathing over 6' from lower level	**Phase Observed:**	**YES** (score category) **NO** (don't score)	
7. Conventional fall protection used (Score conventional fall protection items) Circle method(s) observed for floor joist/sheath: PFAS Nets Guardrails	NO		If no, items 8-12 must be scored
8. Fall restraint system used; including harness or body belt, anchor able to support twice potential load, lanyard short enough to prevent **any** fall	NO	NA	
9. Floor joists are laid out/set/secured from ladder, ground, scaffold; not beam/top plate	NO	NA	
10. 1st sheet of sub-floor installed from ground, ladder or scaffold; not from joist	NO	NA	
11. Workers install subsequent sheathing from established deck platform or piece of sheathing laid over secured joists; not standing on joists	NO	NA	

12. Only workers that are laying out/installing are within 6' of leading edge	NO	NA	
Exterior Wall Lay out/Building/Erection over 6' from lower level	**Phase Observed: YES** (score category) **NO** (don't score)		
13. Conventional fall protection used (Score conventional fall protection items) Circle method(s) observed for ext wall erect: PFAS Nets Guardrails	NO		If no, items 14-16 must be scored.
14. Fall restraint system used; including harness or body belt, anchor able to support twice potential load, lanyard short enough to prevent **any** fall	NO	NA	
15. Edges where walls are being laid out/built/erected are clearly marked with painted line 6' from edge	NO	NA	
16. Materials are stored, cut and prepared outside perimeter of this 6' line	NO	NA	
Truss Lay out/Setting	**Phase Observed: YES** (score category) **NO** (don't score)		
17. Conventional fall protection used (Score conventional fall protection items) Circle method(s) observed for truss set: PFAS Nets Guardrails	NO		
18. Fall restraint system used; including harness or body belt, anchor able to support twice potential load, lanyard short enough to prevent **any** fall	NO	NA	
19. Prepares & lays out trusses from subfloor/ladder/scaffold; not top plate	NO	NA	
20. For walls up to 8', trusses installed from ladder or scaffold along interior wall	NO	NA	
21. First 2 trusses are set from ladder leaned on supportive side walls or from scaffold; not any top plate	NO	NA	
22. For walls >8', common trusses are set and secured from ladder, scaffold, ridge seat, standing platform or interior top plate using stable truss for support; not standing on exterior top plate	NO	NA	
Roof Sheathing	**Phase Observed: YES** (score category) **NO** (don't score)		
23. Conventional fall protection used (Score conventional fall protection items) Circle method(s) observed for roof sheath: PFAS Nets Guardrails	NO		
24. Fall restraint system used; including harness or body belt, anchor able to support twice potential load, lanyard short enough to prevent **any** fall	NO	NA	
25. Bottom row of roof sheathing installed from truss web, ladder, scaffold	NO	NA	
26. Workers install slide guard on 1st row of sheathing before installing next row	NO	NA	

27. Slide guard are ≥ 2 x 4 boards, bottom guard perpendicular to sheathing	NO	NA	
28. Slide guard intervals: pitch up to 9 in 12 at 13' intervals, >9 in 12 at 4' intervals	NO	NA	
29. Slide guards are installed across full width of the roof & on all sides of roof, including overhangs	NO	NA	
Ladders	**Observed: YES** (score items for ladder type seen) **NO** (don't score)		
30. Straight, free of cracks / broken parts, free of mud / ice, side locks on step ladder	NO	NA	
31. Set up on level and solid base, securely set at the bottom	NO	NA	
32. Extension & job-built ladders are secured at the top in appropriate manner	NO	NA	
33. Step ladders that are being used by workers are fully opened & side locks engaged, not leaned on structure like straight ladder	NO	NA	
34. Extension & job-built ladders are set at correct angle of 1:4 ratio (palms of hands reach side rails if toes at base)	NO	NA	
35. Extension & job-built ladders extend 3' past upper landing surface	NO	NA	
36. Workers do not work from top 3 rungs of extension & job-built ladders; and workers do not work from top platform or top step of step ladder	NO	NA	
37. Workers maintain 3 points of contact while climbing ladders & do not carry supplies while climbing ladder	NO	NA	
38. Workers always keep belt buckle within ladder side rails & both feet on ladder while working	NO	NA	
39. Workers drag excess mud off of shoes before climbing ladder	NO	NA	
Scaffolds	**Observed: YES** (score items for scaffold type seen) **NO** (don't score)		
40. *All Scaffolds*: Fall protection used if walk plank > 10' from lower level (Score conventional fall protection items) Circle method(s) observed for roof sheath: PFAS Nets Guardrails	NO		
41. *Ladder Jack:* Ladders are safely secured at both the top & bottom	NO	NA	

42. *Ladder Jack:* Maximum height is 20’	NO	NA	
43. *Ladder Jack:* Walk board is 12” wide	NO	NA	
44. *Ladder Jack:* 3rd ladder present to access if walk board outside of ladders	NO	NA	
45. *Ladder Jack:* If access ladder is present, it extends 3’ above walk board	NO	NA	
46. *Pump Jack*: Set on secure / stable base	NO	NA	
47. *Pump Jack*: 4 x 4 posts are properly braced & secured to building	NO	NA	
48. *Pump Jack*: Maximum height is 50’	NO	NA	
49. *Hanging Scaffold/Wall Walker:* Bracket is adjusted to fit top plate of wall and secured in place by nail or spreader bar	NO	NA	
50. *Hanging Scaffold/Wall Walker:* Walk board is greater than 38” from top plate and secured to scaffold	NO	NA	
51. *Job-Built:* Platform is secure & stable	NO	NA	
52. *Job-Built:* Platform is 18” wide	NO	NA	

Conventional Fall Protection					**Score 53, 57, 59 at all sites, other items if yes scored**
PFAS	53. Personal Fall Arrest System observed in use at this site	YES	NO		
	54. Workers wearing fall arrest use approved harness that is worn properly	YES	NO	NA	
	55. Lanyard is attached to secure anchorage point that appears capable of withstand 5,000# of force	YES	NO	NA	
	56. Lanyard is short enough to prevent worker from hitting the lower level	YES	NO	NA	
Nets	57. Safety nets observed in use at this site	YES	NO		
	58. Nets are installed as close as possible under walking/working surface with sufficient clearance to prevent worker from hitting lower level	YES	NO	NA	
Guardrails	59. Guardrails observed	YES	NO		

	in use at this site				
	60. Guardrails protecting floor openings are constructed sturdily (200# force) with 2 x 4's, top rail 42", mid-rail 21"	YES	NO	NA	
	61. Guardrails protecting wall openings are constructed sturdily (200# force) with 2 X 4's, top rail 42", mid-rail or lower wall at 21" from ground	YES	NO	NA	

Alternative fall protection			**Score for areas >6' where conventional fall protection not used**
62. Areas with openings >6' above lower level that are not protected by conventional fall protection are designated CAZ by a sign, wire, tape, or rope	NO	NA	

Is work appropriate for weather? **mud** – yes/no/na **rain –** yes/no/na **wind –** yes/no/na **snow** – yes/no/na **ice** – yes/no/na **heat –** yes/no/na

Assessment of Work Site_____

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New Fall Protection Technology Observed (list & note if appeared to be properly installed)_____

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Foreman Interaction Observed_____