

FORM S+H 5-1 JOB HAZARD ANALYSIS

JOB HAZARD ANALYSIS		Date 12/13/1999
Contract:(If Applicable)		Phase: All Phases - Fall Protection
LLNL Group/Contractor/ Subcontractor/Subtier: Nielsen Dillingham Builders Inc.		Location: LLNL- NIF
NIF Element: CSP 6/10		
ACTIVITY OPERATIONS	UNSAFE CONDITION, ACTION or OTHER HAZARD	PREVENTATIVE or CORRECTIVE ACTION THAT WILL BE TAKEN
Fall Protection for all activities greater than 6' or whenever a fall hazard exists. Examples: Carpenters, Ironworkers, Laborers, Roofers, Painters, Inspectors, etc.	Falling	Use of full body safety harnesses with 2 shock absorbing lanyards, guardrail systems or safety net systems are required for all work over 6' high. (100% tie off)
"	"	Standard guardrails are required for scaffolding over 6'. Toeboards are required if workers work or pass below. Top rails are to be placed 42-45" high with a mid-rail and supporting posts every 8'. Examples of guardrail applications: stairs, stairwells, stairway landings, pits, porches, balconies, ramps, runways, floor openings, floor periphery (skeleton steel buildings), wall openings, landing platforms & elevator shafts, open sides of scaffolds, platforms, surfaces, catwalks, excavations and crossovers, falsework, roofs, demolition, skylights. Guardrails must be capable of supporting 200# of lateral force. Top rails, handrails, and posts must be made of 2"x4" wood or equivalent.
"	"	Floor edges of steel buildings may be guarded with 3/8" wire rope in lieu of railings.
"	"	Workers working on scaffolds that are completely guardrailed are not required to use fall protection.

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"	"	Scaffolds must be properly assembled and maintained during and during use. Scaffolds that are incomplete or unsafe Will be tagged "UNSAFE- DO NOT USE" or "INCOMPLETE- DO NOT USE"
"	"	Holes (including skylights) shall be protected by covers or guardrails. Floor hole covers shall be marked with the word "HOLE" or ""COVER." Covers shall be strong enough to support the intended load, and shall be secured to prevent accidental displacement.
"	"	Safety lines, lifelines and anchorage points shall be capable of supporting 5400# dead weight.
"	"	Drop lines subject to excessive fraying or rock damage shall be protected and shall have a wire center.
"	"	Fall protection equipment shall be inspected before each use.
"	"	Fall protection equipment that shows excessive wear, has been deployed or is in unsafe condition shall be removed from service and destroyed.
"	"	Anchorage points shall be secured at a level not lower than the worker's waist, limiting the fall distance to a maximum of 4'.
"	"	No employees will be allowed to use fall protection equipment without first receiving training in the proper and safe use of the equipment. This training will be documented, such as during tailgate safety meetings or other training classes.
"	"	All safety belts, harnesses and lanyards shall be labeled as meeting the requirements contained in ANSI.

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“	“	All fall protection equipment, it's use and operating procedures will conform to standards in Title 8, Article 24 'Safety Belts & Nets,' and to NIF Construction Safety Program: Appendix A, Section 16 Fall Protection.
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CM Concurrence

LLNL Group/Contractor/Subcontractor Review

Subtier Review
