Inspection Form – Platforms & Fixed Ladders (note – many of these pictures are old and have been corrected; used for illustration only)

Name Date Department

Platforms – less than 12 inches tall

Solid; sturdy; large enough for two feet with little overhang

Platforms – between 12 and 48 inches tall

Solid; sturdy; consider weight and mobility

Steps / ladder rungs with uniform spacing

Platforms – 48 inches and more tall

Hand rail, mid rail and toe board on all sides (except access way)

- hand rail must be 39" to 45" high
- mid rail must be 21" high
- toe boards / kick plates at least 3.5 inches high

Platforms with 4 steps or more (top platform is not a step)

- side rails on both sides of the steps
- ladder / rungs separate from platform structure
- ladder side rails have to extend contiguous 42" above platform

Vertical clearance above stair trend to over-head obstruction must be at least 7'

Easy / smooth transition from ladder to platform – no side steps or reaching steps

All platforms above 4 feet need self-closing gate – chain is allowed if platform size does not allow gate

Steps over 50 degrees are ladders

Grainger Angle Meter, Magnetic Base, 0-90 Deg STARRETT Grainger Item # 2ZUY8 \$27.10



Ladders – Fixed (see Ladder sheet for more information)

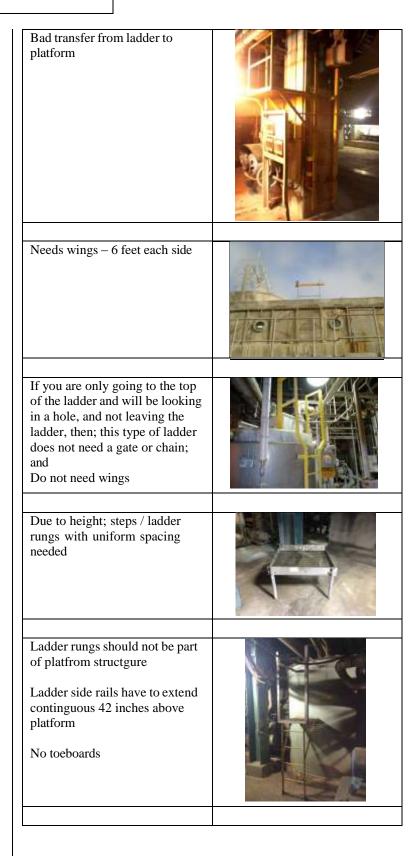
Fixed ladders leading to a working platform 48" or above must be equipped with a self-closing swing gate (chain allowed if size does not allow gate)

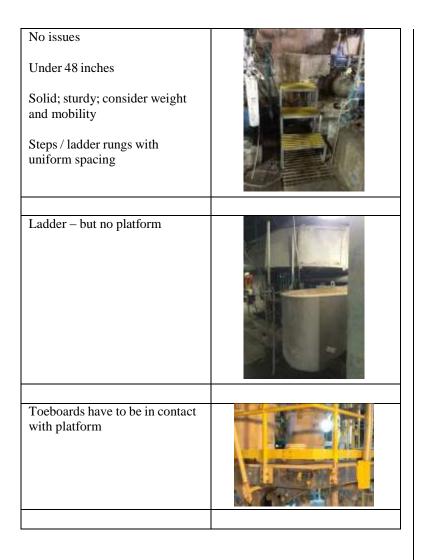
Fixed ladders to top of tanks, roofs, etc. must have handrails extending at least 6 feet along edges (wings).

Fixed ladders 20' or more must have a cage beginning at 7' from bottom to the top.

Replace frequently used portable ladders with mobile ladders / stair platforms or stationary work platforms

Ladder rungs are not adequate Hand rails not complete No mid rail or toe boards	
"Store bought" movable platforms are allowed without toe board	
Ladder side rails do not go above platform	
Good Side rails are contiguous Side rails go above platform All platforms above 4 feet need self-closing gate – chain is allowed if platform size does not allow gate	







Need stong / ladder sungs with	
Need steps / ladder rungs with uniform spacing	

Table D-1										
	Angle	e to horizontal	 Rise _ _	(in	inche	 es)	Tread	run	(in	inches)
30	deg.	35'	 			1/2				11
32	deg.	08'			6	3/4			10	3/4
33	deg.	41'				7	1		10	1/2
35	deg.	16'			7	1/4	1		10	1/4
36	deg.	52'	1		7	1/2	1			10
38	deg.	29'			7	3/4	1		9	3/4
40	deg.	08'	[8	İ		9	1/2
41	deq.	44'	1		8	1/4	İ		9	1/4
1	_	22'			8	1/2	i			9
	_	00'			8	3/4	i		8	3/4
		38'				9	i		8	1/2
	_	16'			9	1/4	i		8	1/4
	_	54'				1/2	i		_	-, -
						_, _	i			-

General questions to follow up on