

Appendix D, Section 0160

THE UNIVERSITY OF NORTH CAROLINA at GREENSBORO FIXED LADDER CHECKLIST				
Date: _____ Frequency: Regularly, based on use and exposure				
Inspected By: _____ Responsible Personnel: _____				
Department: _____ Location: _____ Area: _____				
General:				
Annually, more than 30,000 people are disabled by falls from ladders. Most of these accidents occurring on-the-job can be prevented by providing properly designed and well maintained ladders, training workers concerning ladder safety, and routinely inspecting ladders.				
Note: Inspection checklists cannot possibly cover all the items and situations which may be encountered in the workplace. Thus, this sheet can only serve as a guide. Refer to the References at the bottom of this form for more information and details, as well as, other reference sources.				
No.	INSPECTION ITEM	YES	NO	COMMENT
1	Designed to withstand a single concentrated load of at least 200 lb. (90 kgm)?			
2	Rungs have a minimum diameter of 3/4 inches (19mm) for metal ladders,, or 1 1/8 inches (28mm) for wood ladders?			
3	Rungs at least 16 inches (40cm) wide and uniformly spaced no more than 12 inches (30cm) apart?			
4	Metal ladders painted, or otherwise treated to resist deterioration when location demands?			
5	Has a preferred pitch of 75-90 degrees for safe descent?			
6	Has a 2 1/2 ft. (75cm) clearance for ladders with 90-degree pitch and 3 ft. (90cm) for 75-degree pitch on the climbing side of the ladder (unless caged)?			
7	Has at least a 7 inch (18cm) clearance in back of the ladder to provide for adequate toe space?			
8	Has side rails which extend 3 1/2 feet above the landing?			
9	Has a clear width of 15 inches (38cm) on either side of the center line of the ladder (unless the ladder has a cage or well)?			
10	Rungs of individual-rung ladders have a design to prevent the foot from sliding off the end of the rung?			
11	Wood ladders treated with non irritating preservative?			
12	The step-across distance from the ladder to the platform or structure is not more than 12 inches or less than 2 1/2 inches?			
13	Cages or wells provided for ladders more than 20 feet to a maximum unbroken length of 30 feet high?			
14	Cage extends at least 42 inches above the top landing and down to not less than 7 feet or more than 8 feet above the base of ladders?			
15	Landing platforms provided for each 30 feet of height with cages and every 20 feet without cages, wells, or safety devices?			
16	Ladder safety devices for tower, tank, and chimney ladders over 20 feet conform to ladder design requirements?			
References:				

1. Safety Requirements for Fixed Ladders, ANSI A 14.3
2. National Safety Council Accident Prevention Manual, Vol. II
3. National Safety Council Data Sheet, No. 606, Fixed Ladders and Climbing Devices.
4. OSHA Standard 29 CFR 1910.27 Fixed Ladders

Submitted by: _____ Date: _____ Time: _____

Submitted to: _____ Assigned to: _____ Date: _____
