



FORM

Standard: ***Aerial Lifts***

DATE:
OPERATOR:
LOCATION:
TYPE OF WORK:

Work Area Inspection

Soil Density	Yes	No	N/A
Has the area been backfilled recently or are there any other underground hazards (sink holes, bogs, septic tanks, loose soil, et.) that might cause the surface conditions to become unstable?			
Are outriggers, wheel chocks and vehicle breaks in place?			

Soil Type and Approximate Load-bearing Capacity		Determine the load imposed on the soil:	
Virgin Ground	22 PSI	$\frac{\text{Total Outrigger Force (pounds)}}{\text{Area of Soil Contact (Square Inches)}} = \text{Soil Pressure}$	
Asphalt	29 PSI		
Compressed, crushed stone	36 PSI	Estimated Soil Pressure for Intended Work Area: _____ PSI	
Clay/silt soil (firm)	43 PSI		
Mixed granular soil	51 PSI		
Firm, Compacted Gravel	58 PSI		
Brittle, Weathered Rock	145 PSI		

Pedestrian Traffic	Yes	No	N/A
Is aerial lift work being conducted in the vicinity of pedestrian traffic?			
Has the work area been established and has appropriate barriers (i.e. caution tape, concrete "Jersey" barriers, fencing et.) been used to create perimeter?			
Is pedestrian traffic safely diverted?			
Are the necessary signs posted around the work area?			

Dangerous Obstacles	Yes	No	N/A
Has all additional vehicle traffic (including other construction vehicles) been eliminated or diverted from the work area in accordance with traffic permit?			
Is the surface area clear of debris and excess equipment and materials?			
Are there any pot holes or ruts located in the aerial lift's intended travel route?			
Is the intended path of the boom and basket a minimum of 10 feet from power lines or any other dangerous obstacles (i.e. mechanical devices, other aerial lifts, structures/beams et.)?			

Additional Comments:

Evaluator Signature: _____ Date: _____