**Drop Zone Plan**

**Definitions:**

* **Drop Zone** - the area beneath the work being performed aloft or a suspended load where the potential for injury from falling objects exists.
* **Safety Radius** - the cone shaped area extending in all directions outside of the Drop Zone in which a worker will not be struck-by falling objects or a suspended load.

**Perimeter of the drop zone:**

* In many cases the perimeters of the drop zone will likely be larger than anticipated, due to additional forces (wind, speed, tension, ricochet off structure, etc.).

**Drop Zone requirements:**

* The drop zone should extend 360 degrees around the affected area.
* The size, shape, and distance of the safety radius perimeter may not be circular and may not have equal distances across its boundaries due to site / geographic restrictions (structures, equipment, etc.).
* Drop cone perimeters should be established using the following methods:
* Identifying any objects or structures in the drop zone
* As a rule of thumb when the working height is below 65 feet the safety radius should be one third (33%) of the working height. For a working height of 65 feet or more the safety radius should be approximately one quarter of the working height where practicable.
* Mark the safety radius perimeter with safety cones, temporary marking flags, ribbon, etc.
* New perimeters should be defined reviewed and communicated to all workers involved in or affected by the work when the size and shape of the safety radius is adjusted in response to a change in the risk level.
* Once established the following practices should be used to maintain the effectiveness of the drop zone requirements:
* Keep the drop zone clear of workers while work is occurring overhead and while loads are suspended.
* Stop all overhead activities should any employee(s) need to enter the drop zone.

Project: Location:

Work aloft operation / load being transported:

Maximum working height:

Radius and shape of the drop cone perimeter:

Site / geographic restrictions:

Objects or structures in the fall / drop zone:

Perimeter markers:

Operation personnel:

Supervisor: Date: