

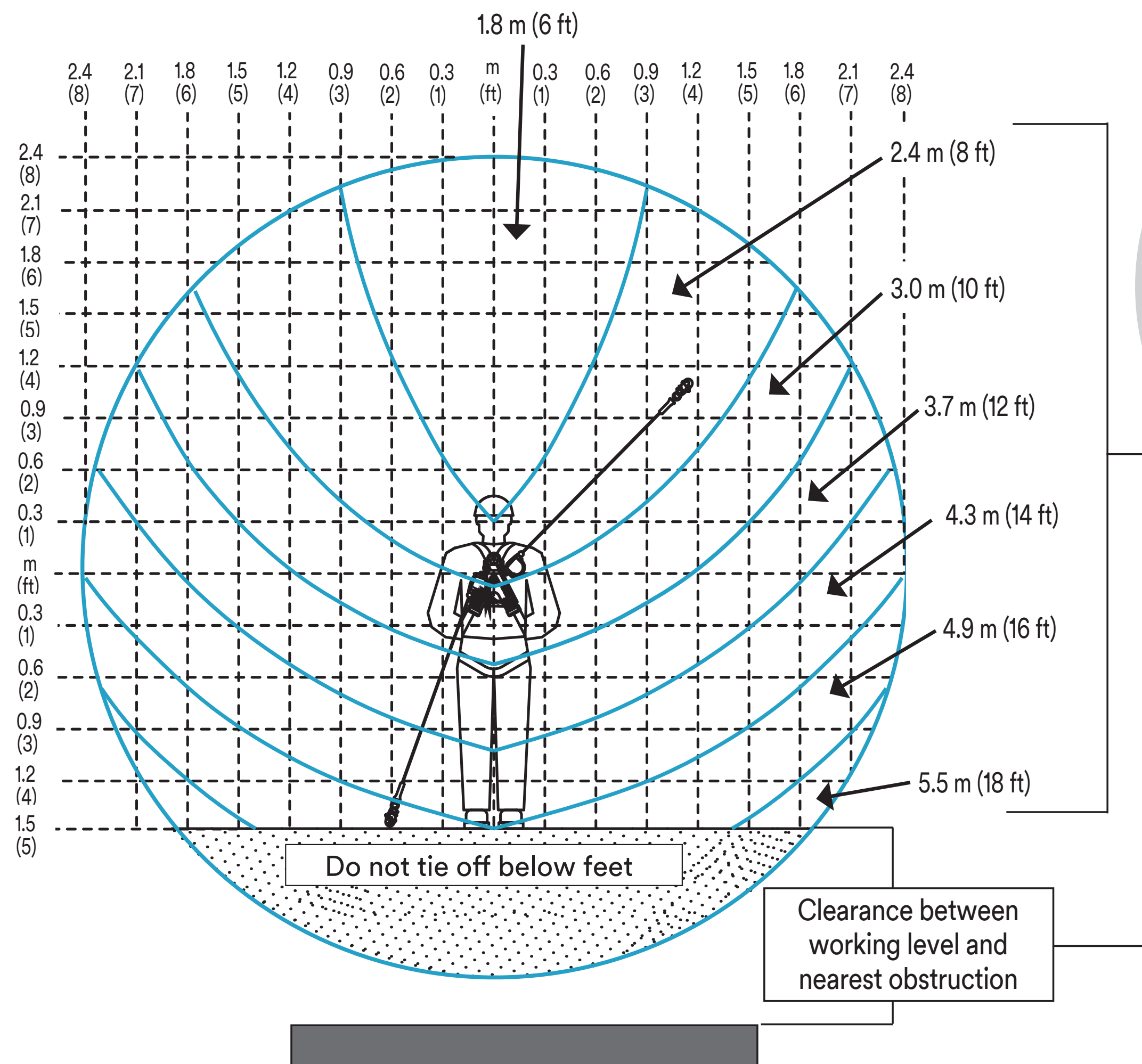


Fall Protection

# 3M™ DBI-SALA® Nano-Lok™ Edge Self Retracting Lanyard – Fall Clearance Calculator

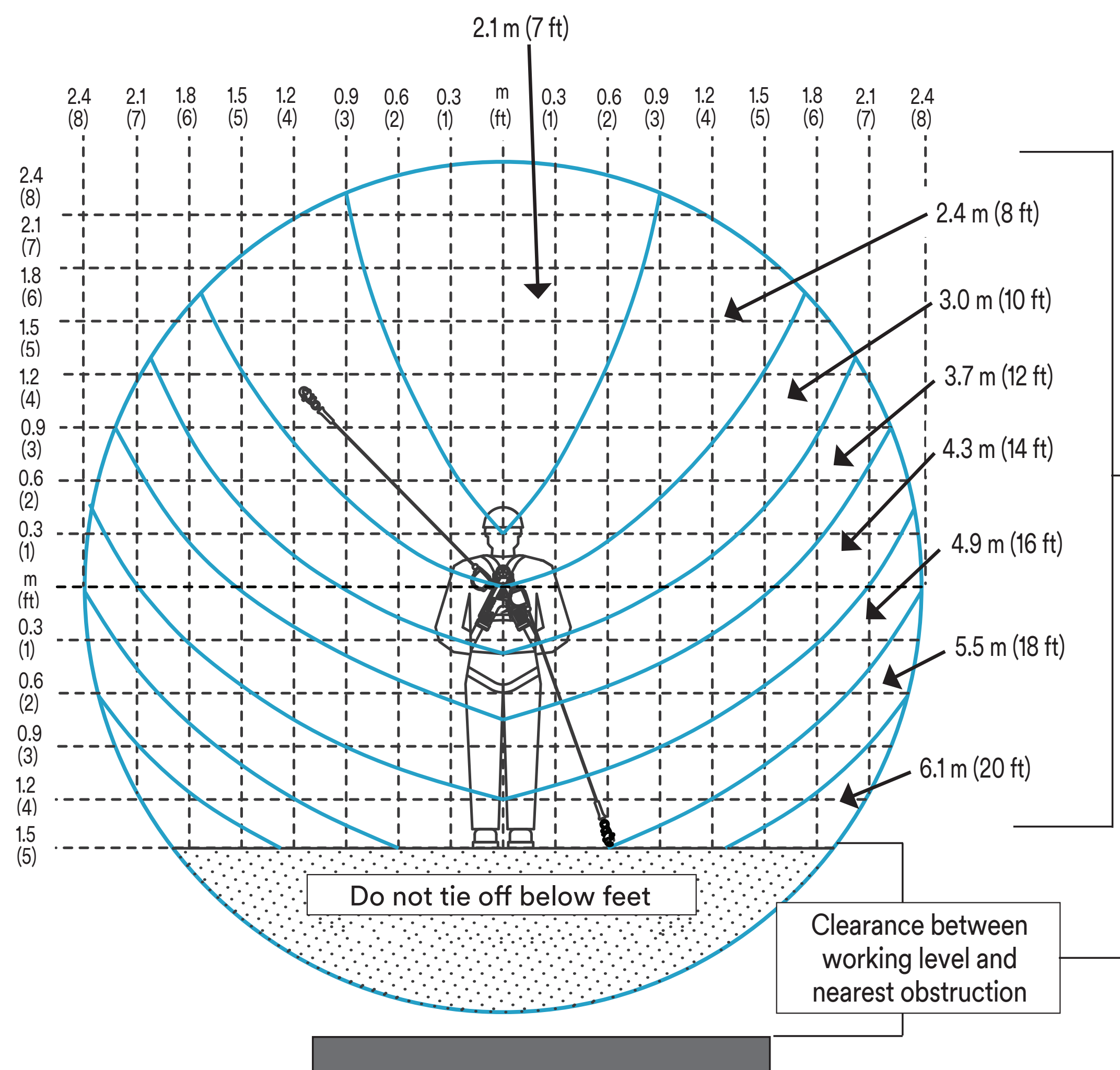
## Fall Clearance User Total Weight up to 100 kg (220 lbs)

Clearance required in metres (feet) between working level and nearest obstruction for user with total weight up to 100 kg (220 lbs).



## Fall Clearance User Total Weight up to 141 kg (310 lbs)

Clearance required in metres (feet) between working level and nearest obstruction for user with total weight up to 141 kg (310 lbs).



Workers between 141 kg – 190 kg (310 – 420 lbs) cannot tie off at foot level.\*

**To determine fall clearance required:** Measure the distance from the user's harness dorsal connection to the anchorage for the 3M™ DBI-SALA® Nano-Lok™ Edge Self Retracting Lifeline. Both horizontal and vertical distances are required. Use the adjacent figure to determine the required clearance.

The dotted lines in the figures represent 0.3 m (1 ft) increments from the user's harness dorsal connection to the anchorage. For example, 2.1 m (7 ft) of clearance is required when the 3M™ DBI-SALA® Nano-Lok™ Edge Self Retracting Lifeline unit is anchored 1 m (3 ½ ft) above and 1 m (3 ½ ft) to the side of the user's harness dorsal connection, 4.0 m (13 ft) of clearance is required when the 3M™ DBI-SALA® Nano-Lok™ Edge Self Retracting Lifeline is anchored 0.5 m (1 ½ ft) below and 1.4 m (4 ½ ft) to the side of the user's dorsal connection.

**Note:** The clearances provided above assume the fall occurred from the standing position. If the worker is kneeling or crouching an additional 0.9 m (3 ft) of clearance is needed.

\*© Copyright 2013, Capital Safety