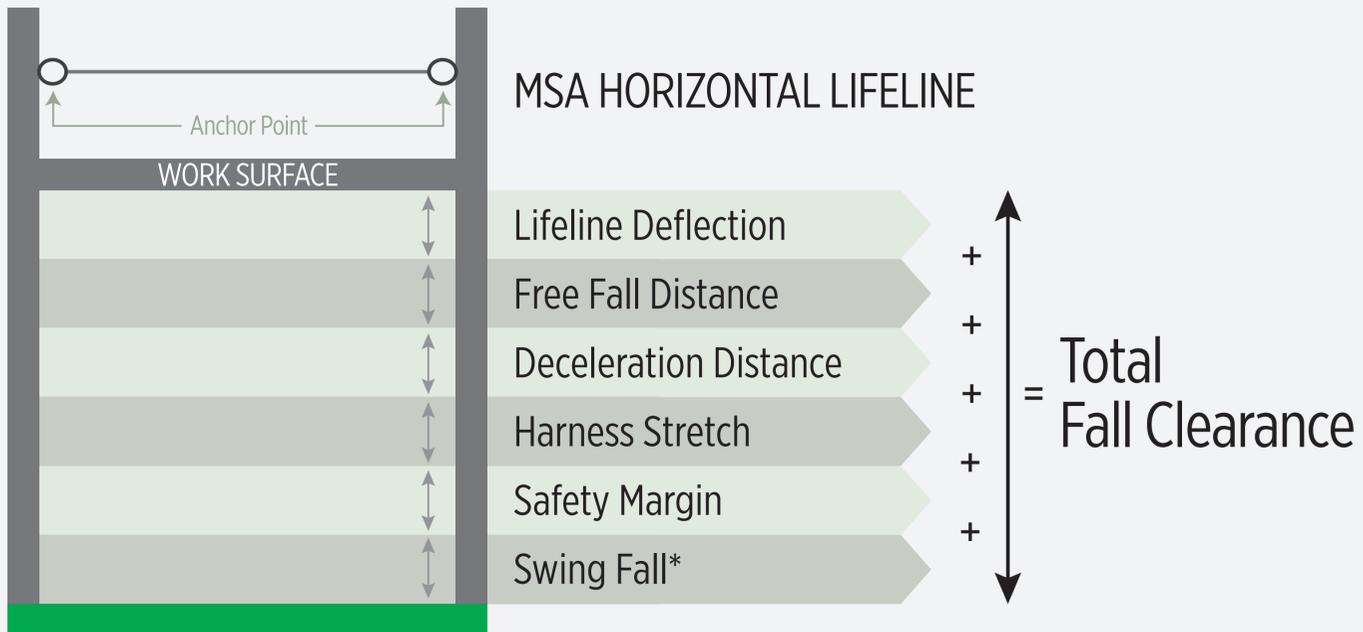


# CALCULATING TOTAL FALL CLEARANCE



**⚠ WARNING**

\*Additional clearance for swing fall is NOT included in the charts provided. Prevent swing falls and impact with objects in or adjacent to the fall path. Keep work area free from debris, obstructions, trip hazards, spills or other hazards which could impair the safe operation of the fall protection system. Swing falls occur when the anchor point is not directly in-line with the user. The force of striking an object in a pendular (swinging) motion can cause serious injury. Always minimize swing falls by working in-line with the bypass shuttles as much as possible. Swing falls can increase clearance requirements. For potential swing fall scenarios DO NOT use the device until a Qualified Person has inspected the workplace for potential swing fall hazards and additional clearance requirements. Always remove obstructions below the work area to ensure a clear fall path.

Leading edge configurations shall only be used after all hierarchy of controls including restraint systems and overhead anchorages, have been exhausted. Prior to use, leading edges must be evaluated by a Qualified Person. Avoid working where the lifeline will continuously or repeatedly abrade against sharp, hard, or abrasive edges. If the risk assessment indicates that an edge could damage the lifeline then eliminate such contact or protect the edges using a pad or other means before the start of work. Use only leading edge rated PPE with the temporary horizontal lifeline when leading edge hazards exist.

## MSA **CABLE** Temporary Horizontal Lifeline Clearance Charts

### FLOOR LEVEL ATTACHMENT — 0 to 3 ft.

\*See swing fall warning above.

		Span Length									
		10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
1 USER Max. 310 lb.	<b>Connected PPE</b>	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
	MSA Leading Edge PFL	15.0	16.5	18.0	19.5	21.0	22.5	23.5	24.5	25.5	26.5
	MSA Leading Edge SRL	14.5	16.0	17.5	19.0	20.5	21.5	23.0	24.0	25.0	26.0
	MSA 6 ft. Energy-Absorbing Leading Edge Lanyard	18.5	20.0	21.0	22.5	24.0	25.5	27.0	28.5	29.5	30.5
2 USERS Max. 620 lb.	<b>Connected PPE</b>	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
	MSA Leading Edge PFL	17.0	18.5	20.0	21.5	23.0	24.5	25.5	27.0	28.0	29.0
	MSA Leading Edge SRL	17.0	18.0	19.5	21.0	22.5	24.0	25.0	26.5	27.5	28.5
	MSA 6 ft. Energy-Absorbing Leading Edge Lanyard	21.5	23.0	24.5	26.0	27.0	28.5	30.0	31.5	32.5	33.5

### STANCHION HEIGHT ATTACHMENT — 3 to 6 ft.

\*See swing fall warning above.

		Span Length									
		10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
1 USER Max. 310 lb.	<b>Connected PPE</b>	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
	MSA Leading Edge PFL	11.0	12.5	14.5	15.5	16.5	18.0	19.0	19.5	20.5	21.5
	MSA Leading Edge SRL	10.5	12.0	13.5	15.0	16.0	17.0	18.0	19.0	20.0	21.0
	MSA 6 ft. Energy-Absorbing Leading Edge Lanyard	14.5	16.0	17.5	19.0	20.5	22.0	23.0	24.0	25.0	26.0
2 USERS Max. 620 lb.	<b>Connected PPE</b>	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
	MSA Leading Edge PFL	12.5	14.0	15.5	17.0	18.0	19.0	20.0	21.0	22.0	23.0
	MSA Leading Edge SRL	12.0	13.5	15.0	16.5	17.5	18.5	19.5	20.5	21.5	22.5
	MSA 6 ft. Energy-Absorbing Leading Edge Lanyard	16.5	18.0	19.5	21.0	22.5	24.0	25.5	26.5	27.5	28.5

### OVERHEAD ATTACHMENT — 6 ft.+

\*See swing fall warning above.

		Span Length									
		10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
1 USER Max. 310 lb.	<b>Connected PPE</b>	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
	MSA Leading Edge PFL	8.5	10.0	11.0	12.0	13.0	14.0	15.0	15.5	16.5	17.0
	MSA Overhead PFL	8.5	10.0	11.0	12.0	13.0	14.0	15.0	15.5	16.5	17.0
	MSA Leading Edge SRL	8.0	9.5	10.5	11.5	12.5	13.5	14.0	15.0	15.5	16.5
	MSA Overhead SRL	7.5	9.0	10.0	11.0	11.5	12.5	13.5	14.0	14.5	15.5
	MSA 6 ft. Energy-Absorbing Leading Edge Lanyard	9.5	11.0	12.5	13.5	14.5	15.5	16.5	17.5	18.0	19.0
2 USERS Max. 620 lb.	<b>Connected PPE</b>	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.
	MSA Leading Edge PFL	9.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
	MSA Overhead PFL	9.0	11.0	12.0	13.0	14.0	15.0	16.0	16.5	17.5	18.0
	MSA Leading Edge SRL	8.5	10.0	11.0	12.0	13.0	14.0	15.0	15.5	18.0	19.0
	MSA Overhead SRL	8.0	9.5	10.5	11.5	12.5	13.0	14.0	14.5	17.0	18.0
	MSA 6 ft. Energy-Absorbing Leading Edge Lanyard	10.5	12.0	13.5	14.5	15.5	16.5	17.5	18.5	19.5	20.0
MSA 6 ft. Energy-Absorbing Overhead Lanyard	10.5	12.0	13.5	14.5	15.5	16.5	17.5	20.0	21.0	22.0	