



LIMITS OF APPROACH

Maintain Maximum Clearances and Install Barriers Where Practical

Voltages	Personnel Zones*			Mobile Work Equipment*		
	O.H.S.A. Minimum	Authorized Worker	Restricted Zone	O.H.S.A.	Non-Insulated Booms	Certified Insulated A.D.
750 V to 15 kV	>3.0 m	>0.9 m (3 ft)	0.9 m to 0.3 m (3 ft to 1 ft)	>3.0 m	>0.9 m (3 ft)	>0.3 m (1 ft)
>15 kV to 35 kV			0.9 m to 0.45 m (3 ft to 1.5 ft)			>0.45 m (1.5 ft)
>35 kV to 50 kV		>1.2 m (4 ft)	1.2 m to 0.6 m (4 ft to 2 ft)		>1.2 m (4 ft)	
>50 kV to 150 kV		>1.5 m (5 ft)	1.5 m to 0.9 m (5 ft to 3 ft)		>2.4 m (8 ft)	>0.9 m (3 ft)
>150 kV to 250 kV	>4.5 m	>2.1 m (7 ft)	2.1 m to 1.2 m (7 ft to 4 ft)	>4.5 m	>3.0 m (10 ft)	>1.2 m (4 ft)
>250 kV to 550 kV	>6.0 m	>3.7 m (12 ft)	3.7 m to 2.75 m (12 ft to 9 ft)	>6.0 m	>4.6 m (15 ft)	>2.75 m (9 ft)
<ul style="list-style-type: none"> For detailed information relating to Limits of Approach Conditions and Restrictions refer to Electrical Utility Safety Rule # 129 and trade specific documentation 				Cranes Power Shovels Back Hoes Mechanical Brush Cutter	RBD, Aerial Ladder, Work Platform, Uncertified Aerial Device	Certified and Tested by Certified Laboratory