

Safe Approach Distances to Exposed conductors

Safe Approach Distances apply to PSSR authorised persons working on assets owned or operated by Transgrid. Work in the vicinity of another organisation's assets shall be in accordance with relevant Codes of Practice unless arrangements which have been made between Transgrid and the other organisation.

SAFE APPROACH DISTANCES								
Nominal Voltage (V):	ELV <50V AC or <120V DC			LV >ELV and <1000V AC or <1500V DC				
Persons	No contact			0.25 (250mm)				Distance (m)
Persons +	Insulated contact			Insulated contact				
Persons + = Persons authorised 4.1, 4.3 or 9.1								
Nominal Voltage (kV):	11-33	66	132	220	275	330	500	Distance (m)
Persons	0.7	1.0	1.2	1.8	2.3	3.0	3.9	
Vehicles *	0.7	1.0	1.2	1.8	2.3	3.0	3.9	
Vehicles * = Includes mobile plant stowed for transit								
Mobile Plant	3.0	3.0	3.0	6.0	6.0	6.0	8.0	
Mobile Plant +	1.2	1.4	1.8	2.4	3.0	3.7	4.6	
Mobile Plant + = Mobile plant operating with restrictive devices applied or an authorised safety observer appointed								

- Safe Approach Distances for persons means the minimum distance from exposed conductors that shall be maintained by a person and/or their equipment.
- Safe Approach Distances for vehicles means the minimum distance from exposed conductors that shall be maintained based on the transit envelope of the vehicle, including its load and attachments.
- Safe Approach Distances for mobile plant means the minimum distance from exposed conductors that shall be maintained between the mobile plant including its load, controlling ropes and any other accessories.