



MINIMUM ATTACHMENT HEIGHT = MAX. SAG (FROM SECTION 7)
 + MIN. VERTICAL CLEARANCE (FROM TABLE 1)
 ± GRADE DIFF.
 + 0.3m (VEHICLE OR RAILWAY LOCATION)
 (FOR NEW POLES INSTALL OR WHEN POLES ARE REPLACED)
 + SNOW COVER (WHERE SNOW IS NOT CLEARED AWAY)
 (CONDUCTOR SAG UNDER WINTER HEAVY LOADING CONDITION WITH ICE)

LOCATION OF WIRES, CABLES OR CONDUCTORS	SYSTEM VOLTAGE			
	SPAN GUYS AND COMMUNICATIONS WIRES	UP TO 600V AND NEUTRAL	2.4/4.16kV TO 16/27.6kV *	44kV
MINIMUM VERTICAL CLEARANCES (m)**				
OVER OR ALONGSIDE (WITH OR WITHOUT OVERHANG, INCLUDING SWING) ROADS OR LANDS ACCESSIBLE TO ROAD VEHICLES OR LANDS ACCESSIBLE TO FARM EQUIPMENT H=4.15m ***	4.42 ^{A,B}	4.42 ^B	4.75	5.3
OVER LAND TRAVELED BY OFF-ROAD VEHICLES, HORSES, OR OTHER LARGE ANIMALS H=3.6m	3.7	3.7	4.75	5.2
ALONGSIDE (WITH NO OVERHANG, INCLUDING SWING) ROADS WITHIN THE ROAD RIGHT-OF-WAY WHICH CONTAIN FENCES, DITCHES, EMBANKMENTS OR OTHER TERRAIN FEATURES WHICH RENDER THE GROUND BENEATH THE LINE UNLIKELY TO BE TRAVELED BY ROAD VEHICLES	3	3.4	4.15	4.6
OVER GROUND ACCESSIBLE TO PEDESTRIANS ONLY	2.5	3.1	3.4	3.7
ABOVE TOP OF RAIL AT RAILWAY CROSSINGS	7.3	7.3	7.6	8.1

- * – THE MULTIGROUNDED SYSTEM NEUTRAL HAS THE SAME CLEARANCE AS THE 600V SYSTEM.
- ** – THE VERTICAL CLEARANCES IN THE ABOVE TABLE ARE UNDER MAXIMUM SAG CONDITIONS.
- *** – WHERE VEHICLES HEIGHTS EXCEED 4.15m, INCREASE MINIMUM VERTICAL CLEARANCE BY THE AMOUNT THE VEHICLE HEIGHT IS EXCEEDED.
 - A – WHERE CROSSING RESIDENTIAL DRIVEWAYS WITH COMMUNICATION CABLES THIS CLEARANCE MAY BE REDUCED TO 4.0m, WHEN IT IS NOT ON ROAD ALLOWANCE.
 - B – FOR SERVICE CONDUCTORS (SECONDARY) AND COMMUNICATION DROPS TO RESIDENCES OR RESIDENCE GARAGES, THESE CLEARANCES OVER THE RESIDENTIAL DRIVEWAY MAY BE REDUCED TO 3.7m.

ALL DIMENSIONS IN CENTIMETRES UNLESS OTHERWISE STATED

03	NOV 2023	UPDATED ROW 1 AND ADDED NEW ROW 3 UNDER LOCATION OF WIRES, CABLES OR CONDUCTORS IN TABLE 1.	PC	MM	AA	MM
02	NOV. 2021	ADDED NOTES FOR MINIMUM ATTACHMENT HEIGHT FOR VEHICLE OR RAILWAY LOCATION, AND SNOW COVER. ADDED NOTES A, B FOR MINIMUM VERTICAL CLEARANCES.	PC	XZ	XZ	MM
Rev No.	Date	Revision-Particulars	dwn	chk	des	app

Drawn By: OC	Checked By:	Designed By:	Design Approved By:
Scale: N.T.S.	Date: (yyyy/mm/dd)	Pole ID:	



MINIMUM VERTICAL CLEARANCES OF WIRES, CABLES AND CONDUCTORS, ABOVE GROUND OR RAILS

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