



SHAPE SAFETY BULLETIN #23A

(Safety & Health In Arts Production & Entertainment)

ADDENDUM A

AVOID POWER LINES. This includes, but is not limited to, the placement of equipment such as ladders, scaffold, booms, forklifts, aerial lifts, sets, cranes or other rigging. At a minimum, the following overhead clearances must be observed. (These clearances are drawn from the California Code of Regulation, Title 8, Section 2946, and are sufficiently stringent to meet the requirements of British Columbia's Occupational Health and Safety Regulation):

The operation, erection, handling or transportation of tools, machinery, materials, structures, scaffolds, or any other activity where any parts of the above or any part of an employee's body will come closer than the minimum clearances from energized overhead lines as set forth in Table 1 shall be prohibited.

**Table 1
General Clearances Required from Energized Overhead High Voltage Conductors**

Nominal Voltage (Phase to Phase)	Minimum Required Clearance (Feet)
600 50,000	6
over 50,000 345,000	10
over 345,000..... 750,000	16
over 750,000..... 1,000,000	20

Boom-type lifting or hoisting equipment. The erection, operation, or dismantling of any boom-type lifting or hoisting equipment, or any part thereof, closer than the minimum clearances from energized overhead high-voltage lines set forth in Table 2 shall be prohibited.

**Table 2
Boom-type Lifting or Hoisting Equipment Clearances Required from Energized Overhead High Voltage Conductors.**

Nominal Voltage (Phase to Phase)	Minimum Required Clearance (Feet)
600 50,000	10
over 50,000 75,000	11
over 75,000 125,000	13
over 125,000..... 175,000	15
over 175,000..... 250,000	17
over 250,000..... 370,000	21
over 370,000..... 550,000	27
over 550,000..... 1,000,000	42

Safety Bulletins Are Recommended Guidelines Only; Consult All Applicable Rules and Regulations

Contact SHAPE: 280 - 1385 West 8th Ave, Vancouver, BC V6H 3V9

Tel: 604-733-4682 Fax: 604-733-4692 Email: info@shape.bc.ca www.shape.bc.ca

