

## NOTABLE A17.3 REQUIREMENTS

Requirement surveyed	Group at risk	Risk	Approximate cost per unit	Construction trade
Hoistway bevels	Inspectors, construction workers, maintenance staff	Struck by falling object, fall down hoistway		Carpenter
Move pipes from hoistway	All	Burns, entrapment, erratic elevator operation, explosion		Plumber
Guard pipes in hoistway	All	Burns, entrapment, erratic elevator operation		Carpenter
Counterweight guards	Inspectors, construction workers, maintenance staff	Crushed or struck by counterweight	\$300	Elevator
Machine room access	Inspectors, construction workers, maintenance staff	Slips, trips, falls		Carpenter
Machine room lighting	Inspectors, construction workers, maintenance staff	Slips, trips, falls, electrocution		Electrician
Guard pipes in machine room	Inspectors, construction workers, maintenance staff	Burns		Carpenter
Trap in pit drain	All	Sewer gas accumulation, explosion		Plumber
Pit stop switch	Inspectors, construction workers, maintenance staff	Crushed by elevator car	\$1,340	Elevator
Non-shear astragal	Freight handlers	Amputation, struck by object	\$1,670	Elevator
Car door restrictor	Riders	Fall down hoistway	\$400 to \$8160	Elevator
Platform guard to replace chains on freight elevators	Freight handlers	Amputation, decapitation, struck by object	\$1,420	Elevator
Platform fire protection	Riders	Burns, smoke inhalation		Painter or metal worker
Emergency lights in car	Riders	Trapped in dark	\$2,670	Elevator
Remove shipper rope	Freight handlers	Amputation, decapitation, struck by object	\$100,000	Elevator
Car top stop switch	Inspectors, construction workers, maintenance staff	Crushed by elevator car		Elevator
Car top outlet and light	Inspectors, construction workers, maintenance staff	Amputation, fall, crushing		Elevator or electrician
Phone in car	Riders	Prolonged entrapment	\$3,890	Elevator
Light in car on hand powered	Riders	Slips, trips, and falls	\$3,200	Elevator and electrician