



RESCUE

TRANSPORT

EVACUATE

QUANTITY FORMULA

The following formula has been created to illustrate the number of evacuation devices owners, managers and tenants of buildings need to adequately provide for the safe evacuation of physically and/or mobility impaired occupants.

Two sections of the Uniform Building Code (UBC) were used to determine the number of devices needed; Egress Requirements and Accessible Parking Space Requirements. The UBC has been adopted by most states and is codified in their own formats. Egress Requirements establish the maximum occupancy of a building to be **1 person per 100 square feet**. Accessible Parking Space Requirements dictate that **1 space in 25 (or 4%)** be reserved for the physically impaired. The Quantity Formula is illustrated as follows:

$$\boxed{\text{total square footage}} \div 100 \times .04 = \boxed{} \text{ Number of emergency chairs recommended to reach minimum risk management level}$$

Example:

$$40,000 \text{ sq. ft.} \div 100 = 400 \text{ people occupancy} \times .04 = 16 \text{ devices}$$

Placement of Safety Chair evacuation devices should be consistent on each floor throughout the building, making them easily located by those in need. The recommendation is to place one device at each stairwell and in the elevator lobby on each floor. Areas of congregation, i.e. – cafeterias, meeting halls, etc., may necessitate an increased number of devices to best serve the volume of people in those areas. All businesses should include Safety Chairs in their emergency evacuation plan for the safety of employees and visitors alike.

HOW TO ORDER

There are many ways to place your order. You can e-mail Safety Chairs at the address below for an official quote, or phone / fax in your order using our order form. All product information and the order form can be downloaded directly from our web-site.

Questions? Give us a call:

Monday - Friday, 8:00 am - 5:00 pm PST

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