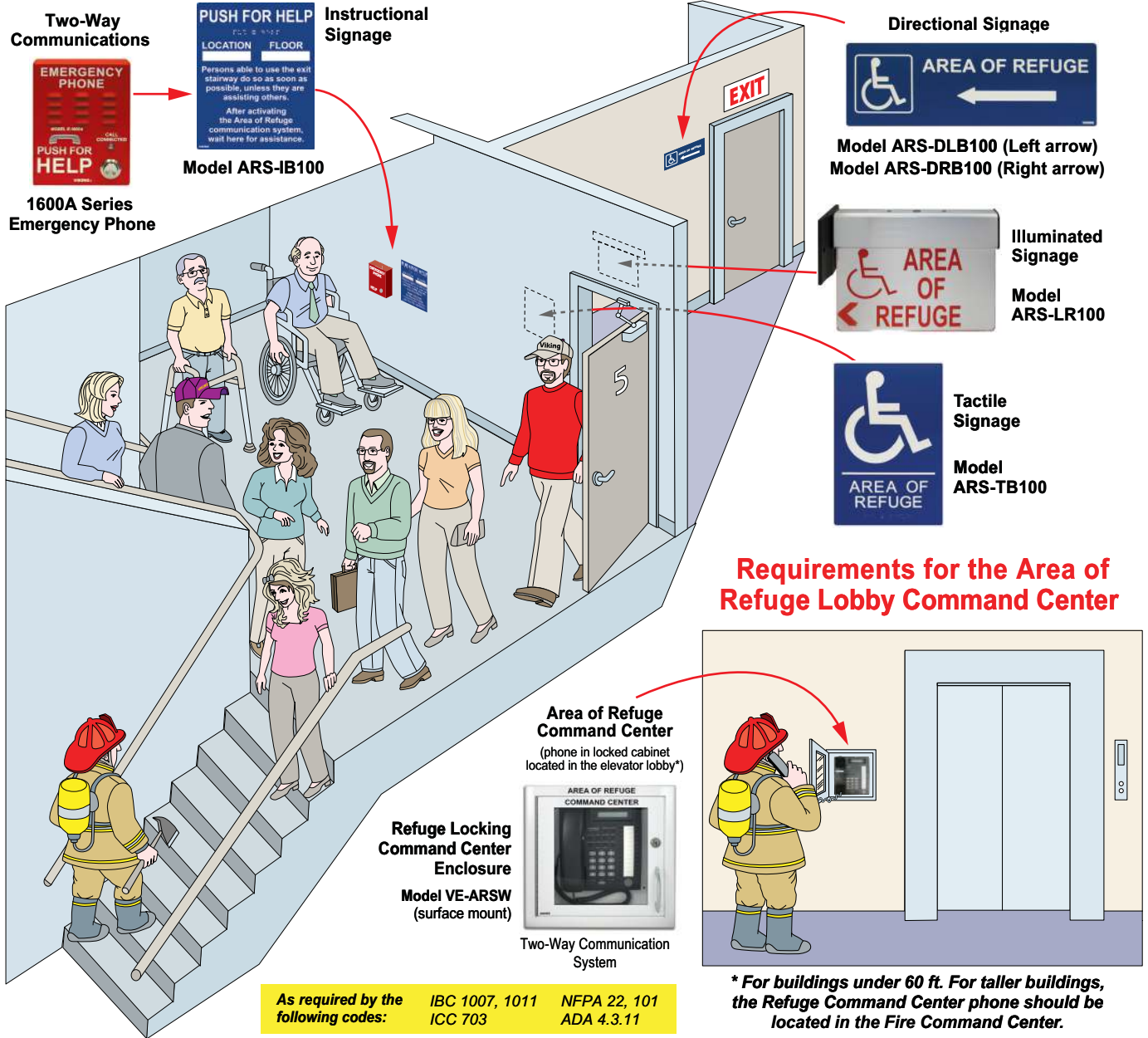


Requirements for INSIDE the Area of Refuge

Requirements for OUTSIDE the Area of Refuge



Recommendations for 6 or Less Area of Refuge Emergency Phones

High Efficiency UPS
(Tripp-Lite model Internet55U or equivalent)

6 Port Line Concentrator
VIKING MODEL LC-6

Model LC-6

120V AC

Connect up to 6 Area of Refuge emergency phones (1600A Series) to one command center phone and one C.O. line. UPS must have a minimum of 90 minute backup.

Recommendations for 7-24 Area of Refuge Emergency Phones

High Efficiency UPS (Minuteman Entrust Series ETR700 or equivalent)

Panasonic KX-TA824

120V AC

Using a Panasonic KX-TA824 with optional expansion cards KX-TA82483 and KX-TA82470, connect up to 24 Area of Refuge emergency phones (1600A Series) to one command center phone and one C.O. line. UPS must have a minimum of 90 minute backup. *Note: The Panasonic KX-TA824 can be expanded (in increments of 6) up to 144 ports by adding a Viking LC-6 to each station port.*

Compatible Products

Analog and VoIP ADA Compliant Emergency Phones

The **1600A Series** (Analog) and **1600-IP Series** (VoIP) ADA Compliant Emergency Phones are designed to provide quick and reliable handsfree communication. The **1600A Series** works with any standard analog telephone line or analog phone system station port. All phones meet ADA requirements for elevator / emergency telephones and can be programmed from any Touch Tone phone. The phones can dial up to 5 programmable emergency numbers, as well as 2 central station numbers.

Both the **1600A Series** (Analog) and **1600-IP Series** (VoIP) Emergency Phones are available in a large selection of chassis, color, and size configurations to work in many different applications.

For outdoor installations where the unit is exposed to precipitation or condensation, select **1600A Series** and **1600-IP Series** phones are available with Enhanced Weather Protection (**EWP**). EWP products feature foam rubber gaskets and boots, sealed connections, gel-filled butt connectors, as well as urethane or thermal plastic potted circuit boards with internally sealed, field-adjustable trim pots and DIP switches for easy on-site programming. For more information on EWP, see **DOD# 859**.

For more information on the **1600A Series** (Analog), see **DOD# 215** for the **1600-IP Series** (VoIP), see **DOD# 255**.

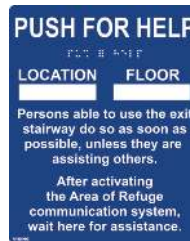


Area of Refuge Signage

The **ARS Series** Area of Refuge Signs are designed to comply with IBC 1007, 1011, ADA 4.3.11, NFPA 22, 101 and ICC 703 code requirements. The **ARS-LR100** is an LED Illuminated edge-lit double sided hanging Sign. It is AC powered with 3 hour battery backup. The unit can be ceiling mounted, mounted flat against a wall or end mounted so it can be viewed from either direction. The Instructional, Tactile and Directional signs are made from Acrylic or durable ABS plastic and are designed to adhere to the wall with the provided double sided foam tape. See **DOD# 235** for more information on the **ARS Series**.



ARS-TB100
Tactile Blue Braille and raised letter sign to be placed next to the Area Of Refuge (stairwell exit) door.



ARS-IB100
Instructional Blue Braille and Raised letter sign to be placed next to the Area of Refuge emergency phone (E-1600A, etc.)



ARS-LR100
Lighted double sided Wall or ceiling mount sign to be placed above the Area Of Refuge (stairwell exit) door.



ARS-DLB100



ARS-DRB100

Directional Blue signs with left or right arrow to be placed next to exit doors without Area Of Refuge.

Surface Mount Command Center Cabinet

Each Area of Refuge is required to have a central control point (Command Center) where the emergency phones call for assistance.

In low rise buildings (less than 60 ft. tall) the Command Center can simply be a telephone mounted in a cabinet located on the ground floor of the elevator lobby. The **VE-ARSW** cabinet is ideal for this application, allowing you to mount a single line phone or PABX Key phone.

The **VE-ARSW** is a 13" x 13.5" x 4" surface mount metal cabinet with a hinged door, roller catch, chrome handle, phone mounting studs and optional lock. The lock is equipped with a breakaway cam allowing emergency personnel to force the door open if the key cannot be found.

See **DOD# 237** for more info on the **VE-ARSW**.

Shown with Panasonic 824 PABX key phone model KX-T7731 (not included)



6 Port Line Concentrator for Emergency Phones

The **LC-6** Line Concentrator eliminates the monthly charges for a dedicated line to each elevator. The **LC-6** is designed to be used with the Viking **1600A Series** Elevator Phones. Up to six of these emergency phones can communicate with authorized personnel on 3 other phones within a building, or add a telephone line to allow communication outside the building. A call initiated by an emergency phone can dial internally, externally, or both. Any other phones that are activated will be bridged with authorized personnel.

Per ASME A17.1 requirements, the **LC-6** can verify the operability of the telephone line on a daily basis and with the optional Viking model **LV-1K** line verification alarm panel, can display an "Elevator Communications Failure". **Note:** Per ASME A17.1 requirements, the **LC-6** must be used with a battery backup (UPS) capable of keeping the **LC-6** running for up to 4 hours. See **DOD# 245** for more info on the **LC-6**.



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