

PART 1: GENERAL

Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of Sam Houston State University for elevator and escalator basic requirements.

- 5 Qualified personnel available in Houston, Texas to insure fulfillment of maintenance and/or repair service on a 24 hour emergency call basis.
- b. Installer: Employees and supervisor on payroll of elevator equipment manufacturer.
  - c. Equipment: Manufactured and guaranteed by the selling company; manufactured in its entirety (exclusive of cabs and doors) by the designer and manufacturer.
  - d. Parts, accessories, and appurtenances: Erected, installed, adjusted, tested and placed in operation by competent mechanics skilled in this work and under the direct control and supervision of the Installers experienced foreman.
    - a. Supply three extra keys for each keyed switch.
    - b. Supply hand held computer and other proprietary components necessary to test and maintain elevator and equipment. Include updates or modifications of test equipment for 10 years.

## 2.8 Cab Entrances

- 1 Cab Doors: Stainless steel 0.058 inch (1.5 mm) thick metal, of insulated sandwich panel construction, flush design, rolled profiles, rigid construction. Door shall be hung on sheave type hangers with polyurethane tires that roll on a polished track. The hanger shall be provided with adjustable eccentric rollers to take the thrust out of the doors. The doors shall be guided at bottom by non-metallic shoes sliding in the below listed threshold. Fabricate front return panels same as doors.
- 2 Cab Door Frames: Stainless steel 0.058 inch (1.5mm) thick metal standard design with non-detectable joints.
- 3 Thresholds: Nickel Silver "U" shaped saddles.

## 2.9 Hoistway Entrances

1. Hoistway Doors: Stainless steel; 0.058 inch (1.5 mm) thick metal, of insulated sandwich panel construction, flush design, rolled profiles, rigid construction.
2. Hoistway Door Frames: Stainless steel; 0.058 inch (1.5 mm) thick metal, of rolled profiles, standard offset bolted design with non-detectable joints.
3. Door and Frame Construction: 1/2 hour fire rating; insulated sandwich panel door construction 1-1/4 inch (32mm) thick, minimum.
  1. Door Hangers: Furnish and install sheave type two point suspension hangers and tracks. The sheaves shall have polyurethane tires with ball bearings properly sealed to retain grease. The hangers shall be provided with adjustable eccentric rollers to take the up-thrust out of the doors. The tracks shall be drawn steel shapes, smooth surface and shaped to conform to the hanger sheaves.

## 2.10 Landing Controls

- 1 Screws: All screws to be tamper proof.

## 2.11 Finishes

- 1 Structural Metal Surfaces: Clean surfaces of rust, oil or grease; wipe clean with solvent; prime and paint.
- 2 Machine Room Components: Clean and degrease; prime one coat, finish with one coat of enamel.
- 3 Galvanized Surfaces: Not acceptable
- 4 Aluminum: Mill finish.
- 5 Wood Surfaces NOT ACCEPTABLE

6 Stainless Steel: #4 Satin.

2.12 Elevator Check Lister per ASME/ANSI A17.1

1. Pit light and switch shall be accessible and 42" above the bottom landing floor level. The pit convenience outlet shall be a GFI and mounted 48" above the pit floor. If sprinkled, NEMA 4 electrical apparatus required below four feet.
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