

14 24 00 – Hydraulic Elevators

DIVISION 14 – Conveying Equipment



STATEMENT OF PURPOSE & BACKGROUND

- Scope:
 - Selection, Design, and Installation of hydraulic elevators and cabs.
- Statement of goals:
 - Provide consistent, high quality finish surfaces that:
 - are durable;
 - are easily cleanable.
- Revision history of section:
 - 03/09/13
 - 09/06/16
 - 02/27/19
 - 12/28/2023 (*Approved Manufacturers*)

SELECTION AND APPLICATION CRITERIA

Application	Selection	Notes
Cab walls	Plastic laminate wall panels with stainless steel frieze, reveals and base. Color/pattern as selected by Architect.	Provide moving pads and hooks for all cabs
Front wall and interior door finish	#4 satin stainless steel	
Cab ceiling	Suspended ceiling in stainless steel finish with LED downlights	Quantity of fixtures varies with cab size
Handrails	Round profile, #4 satin solid stainless steel handrails and matching stainless steel bumper rails on rear and side walls	
Flooring	Rubber tile, 3.5 mm thick; Norament #925 Grano or equivalent.	

OUTLINE SPECIFICATION

- Part 1 General
 - Only non-proprietary systems shall be bid.
 - All work must comply with current national and state elevator codes.
 - Machine room-less elevators shall not be used or specified.
- Part 2 Products
 - Acceptable Manufacturers:
 - Minnesota Elevator
 - Otis Elevator Co.
 - Schindler Elevator Co.
 - ThyssenKrupp (Dover) Elevator Co.

- Equivalent manufacturers **approved, in writing, in advance, by the Architect**, may be substituted in accordance with the provisions of the Contract.
- Components:
 - Intercom
 - Fire Service
 - Provide elevator keys and Fire Dept. key box on main egress floor
 - Provide elevator service keys in elevator equipment room
- Materials and Finishes:
 - Subfloor: ¾" underlayment grade marine plywood
 - Floor Finish: as noted above
 - See table above for finishes
- Hoistway Entrances:
 - Baked-on enameled steel doors and frames, color as selected.
- Signal Equipment:
 - Vandal-resistant push-button fixtures with tamper-proof screws
 - Emergency communication system – ADA compliant, two-way voice communication without handset, flush-mounted cabinet with instructions and battery backup.
 - Fire fighters' two-way telephone: provide telephone jack in each car for fire fighter use.
 - Car position indicator: digital type, with audible signal
- Part 3 Execution
 - Per Consultant and / or manufacturer specification.

End of Section