

SECTION 14 2000 - ELEVATORS MINIMUM REQUIREMENTS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes General Requirements related to Elevators. See individual specification sections for elevator specific requirements.
- B. Related Requirements:
 - 1. Section 01 7300 "Execution" for Asset Tagging
 - 2. Section 14 2100 "Electric Traction Elevators" for electric traction elevator for passenger use.
 - 3. Section 14 2110 "Electric Traction Freight Elevators" for electric traction elevator for freight use.
 - 4. Section 14 2120 "Machine-Room-Less (MRL) Traction Elevator" for Machine-Room-Less Traction elevators.
 - 5. Section 14 2400 "Hydraulic Passenger Elevator" for hydraulic elevator used for passenger use.
 - 6. Section 14 2410 "Hydraulic Freight Elevator" for hydraulic elevator for freight use.
 - 7. Section 14 2442 "Limited Use Limited Application Elevators" for Limited Use Limited Application Elevators.

PART 2 - PRODUCTS

- A. SCADA: all conveyances must be equipped with a data collection module (DCM) provided by Centric Technologies. One DCM per hoistway, up to 4 units per hoistway. The DCM requires (1) data outlet (part of the USO provided in each elevator specification section 1.10.F.1). Electrical contractor to provide NU approved conduit from DCM to each controller with 6 wires in this conduit. Final terminations by NU. Elevator controller will need 3 additional dry contacts to connect with DCM.

PART 3 - EXECUTION

3.1 GENERAL

- A. All materials provided shall be serviceable by any Journeyman Elevator Mechanic.
- B. Replacement parts for all equipment furnished shall be available on the open market.
- C. Access to diagnostic/troubleshooting routines shall require no secret codes.
- D. Provide any/all manuals, schematics, wiring diagrams and service manuals that are available to the manufacturer's installers and service personnel.

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- E. Any decaying circuits or devices requiring “factory re-charging” shall be considered a violation of this SPECIFICATION section; such equipment shall be removed and replaced with conforming equipment at no extra cost to the Owner.
- F. Technical help shall be furnished to the Owner, or Owner’s Agent as needed, for the life of the equipment.
- G. Controls must be of a type that does not require replacement of any other component (door operator, signal fixtures, etc.) in the event a controller replacement is necessary.

3.2 RECORD DOCUMENTATION

- A. Content: In addition to requirements elsewhere, provide the following:
 - 1. A hard copy of the O&M manuals and record As-Built package located within the Elevator Machine Room.

END OF SECTION 14 2000