

RCM Sections Update

Division 14 – Conveying Systems

Section 14210 Electric Traction Elevators

Article 1.2.1 General Requirements

Delete from NOTE: “If Section 16225, “Motors” is not included in the project specification, applicable requirements therefrom should be inserted and the second paragraph deleted.”

Delete from end of article, “[Section 16225, “Motors” applies to this section.]

Both deletions refer to redundant test because it is covered in specific motor test.

Article 2.3.2 Gears and Bearings

Accept “NOTE: When possible the use of sealed bearings is encouraged. One of the major causes of bearing failures is overlubrication and lubrication contamination. Using sealed bearings helps to eliminate this failure mode.”

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Section 14240 Hydraulic Elevators

Article 2.2 Pump

Addition of NOTE: acceptable. “NOTE: When possible the use of sealed bearings is encouraged. One of the major causes of bearing failures is overlubrication and lubrication contamination. Using sealed bearings helps to eliminate this failure mode.”

Article 2.3 Motor

Addition of NOTE: acceptable. “NOTE: When possible the use of sealed bearings is encouraged. One of the major causes of bearing failures is overlubrication and lubrication contamination. Using sealed bearings helps to eliminate this failure mode.”

Article 3.2.2 Tests

NOTE, before acceptance, needs to identify test/s, acceptable criteria, and metric of viscosity. The note currently reads, “NOTE: Hydraulic oil purity tests should include measurement of viscosity and ferrographic analysis to insure the oil is free from contaminates.”

Section 14600 Hoists and Cranes

Article 1.9.5 Bearings and Bearing Life

Addition of NOTE: acceptable. “NOTE: When possible the use of sealed bearings is encouraged. One of the major causes of bearing failures is overlubrication and lubrication contamination. Using sealed bearings helps to eliminate this failure mode.”

Article 2.5.12 Motor Controller

Delete portion of NOTE: “In addition, access may be required to inspect this device while circuits are energized (for example, using infrared imaging).”

Article 2.6.4 Enclosed Safety Type Conductors

Delete MIL spec. Maintenance of section will require acceptable Spec for Enclosed Safety Type Conductors.

Article 3.8 Crane Electrification System Factory Test

Delete end of paragraph of article, “Certification test reports shall be provided to the Contracting Officer. Reports shall have a cover letter/sheet...for inclusion in the Maintenance Database.”
Redundant statement, not acceptable.

Article 3.9 On-Site Complex Electrification System Tests

Delete end of paragraph of article, “Final test reports shall be provided to the Contracting Officer. Reports shall have a cover...for inclusion in the Maintenance Database.”

Keep statement, “Final acceptance shall depend upon satisfactory performance under test. No electrification system shall be energized until recorded test data are approved.

Section 14920 Monorail System

Article 2.16.7 Motor Controller

Delete portion of NOTE, “In addition , access may be required to inspect this device while circuits are energized (for example, using infrared imaging) only.” Keep beginning and remainder of NOTE as it is worded.