

BuildingName
The Description of the Project
P00000000 0000

SPECIFICATION DIVISION 14

NUMBER SECTION DESCRIPTION

DIVISION 14 CONVEYING SYSTEMS

SECTION 146000 - HOISTS AND CRANES

END OF CONTENTS TABLE

DIVISION 14 CONVEYING SYSTEMS
SECTION 146000 - HOISTS AND CRANES

SPEC EDITOR: THIS MASTER SPECIFICATION IS OLD. RECHECK AND VERIFY MANUFACTURERS, PRODUCTS & MODEL NUMBERS BEFORE USE.

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

INCLUDE PARAGRAPH 1.1.A AND B IN EVERY SPECIFICATION SECTION. EDIT RELATED SECTIONS 1.1.B TO MAKE IT PROJECT SPECIFIC.

- A. Drawings and general provisions of the Contract, Standard General and Supplementary General Conditions, Division 1 Specification Sections, and other applicable Specification Sections including the Related Sections listed below, apply to this Section.

1.2 SUMMARY

- A. Extent of hoist and crane equipment is indicated on drawings.
- B. Types of hoist and crane equipment includes the following:
 - 1. Trolley hoist.
 - 2. Bridge crane end trucks.
- C. Hoist rails and bridge crane end tracks are included in Division 5 Section "Structural Steel".

1.3 SUBMITTALS

- A. Product Literature: Submit manufacturer's product literature indicating compliance with specified requirements for each unit.
- B. Shop Drawings: Submit shop drawings indicating assembly requirements and dimensions for coordination.

1.4 QUALITY ASSURANCE

- A. Standards: Comply with ANSI B30.16 fabrication requirements.

1.5 DELIVERY STORAGE AND HANDLING

- A. Coordinate delivery and installation of bridge crane end trucks and hoists with supporting steel to prevent delays.

PART 2 - PRODUCTS

2.1 TROLLEY HOISTS

- A. Provide army-type trolley hoists, manually operated with hand hoist and geared trolley. Equip units with chain and hook, cushioned stop fittings for end of travel at both ends of rail, and as follows:

1. Capacity: 1000 pounds.

B. Manufacturer/Model: Acco Industries, model no. 1510090, or equivalent products of Chester Hoist, Inc.; Duff-Norton (Coffing); or Columbus Mckinnon Corp.

2.2 BRIDGE CRANE END TRUCKS

A. Provide kits for underhung girder bridge crane, including manually operated (push-pull) end trucks and accessories. Equip units with cushioned stop fittings for end of travel at both ends of runway beams, and as follows:

1. Capacity: 1000 pounds.

B. Manufacturer/Model: Acco Industries, model no. 521, or equivalent products of Chester Hoist, Inc.; Duff-Norton (Coffing); or Columbus Mckinnon Corp.

PART 3 - EXECUTION

3.1 INSPECTION

A. Examine structural steel supports in presence of Installer before installation of end truck and hoist units. Correct conditions deleterious to operation of units prior to installation.

3.2 INSTALLATION

A. Install end trucks and hoists in accordance with manufacturer's recommendations.

3.3 CLEANING AND ADJUSTMENT

- A. Test units for proper operation. Repair malfunctioning equipment.
- B. Clean and protect units from dust, dirt, and damage caused by subsequent construction operations. Replace damaged units that cannot be repaired to original condition.
- C. Use of hoisting equipment of this Section for construction operations is not permitted.

END OF SECTION 14600