

**PART 1 - GENERAL****1.1 SUMMARY****A. WORK INCLUDED**

1. Factory assembled unit.
2. Installation and Owner's Manual

**B. RELATED WORK**

1. Section 11 13 13 - Dock Bumpers.

**C. REFERENCES**

1. CS202-56.
2. A.N.S.I. MH-14.1. 1 – 1984

**D. DESCRIPTION (APPLICATION)**

1. Product: Mechanical edge-of-dock leveler – Model \_\_\_\_\_.
2. Edge-Of-Dock Leveler Width - \_\_\_\_\_ Overall span (dock to truck bed) of 27 ¾".
3. Capacity: \_\_\_\_\_ lbs.
4. Voltage: \_\_\_\_\_ Phase: \_\_\_\_\_.

**1.2 SUBMITTALS**

- A. General: Submit in accordance with Section 01 33 00.
- B. Product Data: Submit for mechanical edge-of-dock leveler.
- C. Submit dimensional detail.
- D. Submit specification.

**1.3 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide each component of individual edge-of-dock leveler per particular type by same manufacturer.
- B. Manufacturer Qualifications: Company specializing in manufacturing products specified in this Section with minimum ten years' experience.
- C. Installer Qualifications: Approved in writing by manufacturer.

**PART 2 - PRODUCTS****2.1 ACCEPTABLE MANUFACTURERS AND MODEL**

1. Mechanical Edge-Of-Dock Leveler by Chalfant Sewing Fabricators, Cleveland, OH.  
Contact: <http://www.ChalfantUSA.com> for project quote.

**2.2 EQUIPMENT**

- A. CONSTRUCTION: Center plate and lip plate shall be 3/8" thick, 55,000 lb. minimum yield steel tread plate. Lip hinge pin shall be totally enclosed supported by hinge tubes with grease fittings. The lip hinge tubes shall be supported by a full width, ½" x 2 ½" distribution bar. No partial bar will be accepted.
- B. OPERATION: Conveniently located Cantilever Style recessed handle provides easy activation of center plate and lip. Lip to automatically extend and engage truck bed when Bar is pushed forward.
- C. Lift Assist: Provide Torsion Spring lift assist with sufficient sizing as to allow operation of unit with no more than 28 – 34 lbs. lifting torque required. Provide single point adjustment capability. Levelers and warranty shall meet or exceed the performance requirements of CS202-56, O.S.H.A. and ANSI MH-14.1. 1 – 1984.

- D. DOCK BUMPERS: Two per dock leveler, formed steel housing w/ molded cord rubber.
- E. WARRANTY: Unit shall include the manufacturers standard (1) one year warranty against defects in materials and workmanship on the remaining components.

**PART 3 EXECUTION****3.1 INSTALLATION**

1. Install in accordance with manufacturer's instructions.
2. Paint welds with touch-up paint.