

**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: Hydraulic 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 hydraulic edge-of-dock leveler.
- C. Submit dimensional detail.
- D. Provide rough-in drawings for electrical service in advance of concrete work.
- E. 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. Hydraulic 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. Power pack to be 1 hp, single phase (3 phase optional).
- B. OPERATION: Unit to be furnished with 110 / 220 motor and pump assembly, two hydraulic cylinders and remote mounted control box. Unit is activated by push button control box, constant pressure type. Release the push button and the levelers will lower onto the truck bed. Lip to automatically return to the stored position upon truck departure. Levelers and warranty shall meet or exceed the performance requirements of CS202-56., O.S.H.A. and ANSI MH-14.1. 1 – 1984.

- C. DOCK BUMPERS: Two per dock leveler, formed steel housing w/ molded cord rubber.
- D. 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.