

BLUE GIANT[®]
BLUE GIANT EQUIPMENT CORPORATION
LOADING DOCK EQUIPMENT

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Loading dock equipment of the following types:
 - 1. Dock seals

1.2 RELATED SECTIONS

- A. Section 03100 - Concrete Forms and Accessories: Placement of anchors into concrete.
- B. Section 03300 - Cast-In-Place Concrete: Docks and pits.
- C. Section 05500 - Metal Fabrications: Metal angles for edge of dock.

1.3 REFERENCES

- A. American National Standards Institute (ANSI):
 - 1. ANSI MH30.1- Industrial Loading Dock Boards (Ramps).
 - 2. ANSI MH29.1- Industrial Scissor Lifts.
 - 3. ANSI MH30.3- Vehicle Restraining Devices (Safety, Performance, and Testing)

1.4 SUBMITTALS

- A. Section 01330 - Submittals Procedures: Procedures for submittals.
- B. Product Data: For each product specified.
 - 1. Bumpers: Indicate unit dimensions, method of anchorage, and details of construction.
 - 2. Levelers: Indicate materials and finish, installation details, roughing-in measurements, and operation of unit.
- C. Shop Drawings:
 - 1. Indicate required opening dimensions, tolerances of opening dimensions, placement dimensions, and perimeter conditions of construction.
 - 2. Wiring diagrams including location of control stations and disconnect switches.
- D. Assurance/Control Submittals:
 - 1. Certificates: Manufacturer's certificate that Products meet or exceed specified requirements.
 - 2. Qualification Documentation: Submit documentation of experience indicating compliance with specified qualification requirements.

1.5 QUALITY ASSURANCE

- A. Dock Levelers: Conform to requirements of ANSI MH30.1.
- B. Vehicle Restraining Devices: Conform to requirements of ANSI MH30.3.

- C. Manufacturer Qualifications:
 - 1. Manufacturer specializing in manufacturing Products specified with minimum 30 years' experience.
 - 2. Manufacturer to have quality assurance improvement programs.
 - 3. Manufacturer shall be associated with Loading Dock Equipment Manufacturers (LODEM) setting ANSI standards.
 - 4. Manufacturers welding procedure compliant with A.W.S.D1 .1 specifications.
- D. Installer Qualifications: Company specializing in performing the Work of this Section with minimum 5 years' experience.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Refer to Section 01600 - Product Requirements: Transporting, handling, storage, installation and protection of products.

1.7 WARRANTY

- A. Warranty: Provide manufacturer's standard warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Blue Giant Equipment Corp., which is located at:
85 Heart Lake Rd. S., Brampton, ON, Canada L6W 3K2
Toll Free Tel: 800-668-7078 Tel: 905-457-3900
Email: marketing@bluegiant.com
Web: www.BlueGiant.com

2.2 INFLATABLE DOCK SEAL

- A. Dock Seals: Adjustable Inflatable Dock Seal as manufactured by Blue Giant.
 - 1. Type: Adjustable inflatable dock seal.
 - a. Adjustable inflatable dock seal with vertical air bags
 - 2. Construction: Dock seal shall be manufactured to fit door sizes up to and including 8'W x 10'H (2438mm x 3048mm). Unit shall consist of one inflatable header unit 116" (2944mm) wide by 28" (710mm) projection by 50" (1270mm) drop and two vertical air units 124" (3147mm) high by 14" (355mm) projection with a 10" (254mm) wide design with a 4" (102mm) bottom flap and 24" (610mm) yellow guide stripe. Includes pressure-treated lumber 1/2HP motor and blower assembly, and mounting hardware for standard brick wall.
 - 3. Cover Material: Polyester base with a 14oz Hi-Tear Vinyl on header air bag and 22oz vinyl on vertical air bags.
 - 4. Optional Features/Accessories:
 - a. 16oz rubberized fabric cover material
 - b. Galvanized frame- vinyl
 - c. Galvanized frame- rubberized fabric
 - d. Additional height on verticals
 - e. Additional width on verticals
 - f. Additional drop on head bag

- B. EXAMINATION

A. Section 01700 - Execution Requirements: Verification of existing conditions before starting work.

B. Verification of Conditions: Verify that field measurements, surfaces, substrates and conditions are as required, and ready to receive Work.

2.3 INSTALLATION

A. Install dock seal or shelter in prepared opening in accordance with manufacturer's instructions.

2.4 ADJUSTING

A. Adjust installed unit for smooth and balanced operation.

END OF SECTION