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INDUSTRIAL STORAGE LOCKER SPECIFICATIONS

PART 1 GENERAL

1.1 SCOPE

This specification is intended as a quick reference of general information related to pre-engineered industrial storage locker system consisting of framed wire mesh panels, framed doors, adjustable or fixed framed shelves, wire mesh roof panels, wire mesh back panels and hardware.

1.2 APPROVED MANUFACTURER

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1.3 QUALITY ASSURANCE

The industrial storage locker manufacturer shall be an established firm with a minimum ten years of experience in the design and fabrication of pre-engineered industrial storage locker systems. The installation contractor shall be a firm experienced in installing industrial locker systems.

The supplier shall warrant the industrial storage locker materials to be free from manufacturing defects for a period of one year. Warranty does not cover damage caused by conditions beyond the control of the supplier.

1.4 PROJECT APPROVAL

The client or owner must submit signed, approved drawings prior to the fabrication of the industrial storage locker. The client or owner shall be responsible for all quantities and dimensions, including the verification of and coordination with field conditions. The client or owner shall verify all critical dimensions and conditions of existing construction that relate to the industrial storage locker project prior to manufacturing. Cogan must be notified, in writing, of any elements found to be inconsistent or not compatible with the details indicated by approval drawings.



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PART 2 ARCHITECTURAL AND MATERIAL SPECIFICATIONS

2.1 OVERVIEW

The industrial storage locker shall be a pre-engineered wire mesh locker system consisting of framed wire mesh panels, framed doors, adjustable or fixed framed shelves, wire mesh roof panels, wire mesh back panels and hardware.

2.2 SIDE PANELS

Wire mesh side panels shall be framed. Panel frames shall be made of 1¼"x1¼"x12ga structural steel angle and shall have two vertical framing elements that extend 2-inches beyond the lower edge of the framed fabric. Corners shall be notched and seam welded. The panel shall be welded of 10-gauge wire creating a fabric of wire spaced 2"x2". The fabric shall be welded to the frame at every 6-inches.

Panels are manufactured in the following standard depths: 12", 18", 24", 30", 36", 42", 48", 54", or 60".

Panels are manufactured in the following standard heights: 36", 42", 48", 54", 60", 66", 72", 78", 84", 90", 96", 102", 108", 114" or 120".

2.3 DOORS (SWING)

Swing doors shall be made of the same material and in the same method as the side panels (two vertical framing elements that extend 2-inches beyond the lower edge of the framed fabric excluded). In addition, two ½" round diagonal stay bars shall be included on the door panel. Doors shall be equipped with a set of padlocking hasps, a welded handle, and door stopper. Doors shall be of single swing type.

Doors are manufactured in the following standard depths: 12", 18", 24", 30", 36", 42", or 48".

Doors are manufactured in the following standard heights: 12", 18", 24", 30", 36", 42", 48", 54", 60", 66", 72", 78", 84", 90", or 96".

2.4 ROOF PANELS

Roof panels shall be designed for security purposes only. Roof panels are not designed to resist loads. Wire mesh roof panels shall be unframed. The fabric shall be electro-galvanized. The panel shall be welded of 6-gauge and 8-gauge wire creating a fabric of wire spaced 2"x2" and include 1¼"x1¼"x12ga structural steel transom angle.

2.5 BACK PANELS

Back panels shall be designed for security purposes only. Back panels are not designed to resist loads. Wire mesh back panels shall be unframed. The fabric shall be electro-galvanized. The panel shall be welded of 6-gauge and 8-gauge wire creating a fabric of wire spaced 2"x2".

2.6 DIVIDING SHELF

Shelf panels shall be fixed or adjustable. Fixed shelf panels shall be bolted to the locker side panels. Adjustable shelf panels are supported by custom clips that hook onto the locker side panel wire mesh fabric. Shelf panels shall



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be framed. Shelf panel frames shall be made of 1¼" x 1¼" x 12ga structural steel angle. Corners shall be notched and seam welded. The fabric shall be welded to the frame at every 6-inches. The following fabrics are available for side panels:

- The panel shall be welded of 10-gauge wire creating a fabric of wire spaced 2"x2";
- The panel shall be welded of 16ga sheet metal.

2.7 FINISH

Wire mesh side panels, wire mesh roof panels, dividing shelves and doors shall have a powder-coated grey finish. Roof panels and back panels shall be galvanized.

2.8 HARDWARE

All necessary assembly fasteners shall be provided except floor and wall anchors.



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PART 3 INSTALLATION STANDARDS

3.1 WORK AREA

The area where the industrial storage locker is installed shall have a concrete slab, troweled smooth and level.

3.2 WORK AND INSPECTION

Working areas shall be inspected and cleaned of all debris to ensure that adequate access is provided to the installers. The client or owner shall advise the installation company of any embedded floor obstacles that may interfere with the installation of floor anchors.

3.3 INSTALLATION

Erection of the industrial storage locker shall be in accordance with the specifications and instructions contained in the erection manual and installation drawings. The installation plan is based on the specifications, dimensions and approval of the dealer and/or client. All drawings must be reviewed carefully prior to installation.

3.4 ON-SITE MODIFICATIONS

Any modifications required during installation (on-site) of any Cogan products shall be proposed to and approved by a product engineer employed by Cogan. Cogan shall not guarantee any products modified without the consent from a product engineer employed by Cogan.

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