

## Fully Framed Welded Turnout Locker

These are snapshot specifications for quick reference and product selection. Full Specifications with expanded product information can be found on [pencoproducts.com](http://pencoproducts.com) and may include updates as a result of Penco's continuous product improvement initiatives.

### At a Glance...

- Heavy-duty Turnout locker
- Welded construction
- 16-gauge Top, Bottom, and Shelves
- 16-gauge Diamond or Solid Sides optional
- Flattened Expanded Metal Sides standard
- Wide variety of interior accessories
- 4 or 6-inch high Channel Base available



## SNAPSHOT SPECIFICATIONS - Section 10 51 13

### PART 1 - GENERAL

#### 1.01 SECTION INCLUDES

Heavy Duty Welded Fully Framed Turnout Open Front Lockers

#### 1.02 REFERENCES

ADAAG - Americans with Disabilities Act, Accessibility Guidelines.

#### 1.03 SUBMITTALS

Submit under provisions of Section 01 33 00. Shop Drawings shall show dimensioned plans, elevations, and sections. For each product specified, two complete sets of color chips representing manufacturer's full range of available colors and finishes.

#### 1.04 DELIVERY, STORAGE AND HANDLING

Store products in manufacturer's unopened packaging until ready for installation to protect the locker finish and adjacent surfaces from damage.

### PART 2 - PRODUCTS

#### 2.01 MANUFACTURER

Acceptable Manufacturer: Penco Products, Inc., which is located at: 1820 Stonehenge Drive, Greenville, NC 27858; Tel: 800-562-1000; Fax: 800-248-1555; Email: [general@pencoproducts.com](mailto:general@pencoproducts.com); Web: [www.pencoproducts.com](http://www.pencoproducts.com)

Lockers shall be GREENGUARD Gold Certified by UL Environment through the GREENGUARD Certification Program.

#### 2.02 MATERIALS

**Steel:** Prime grade mild cold-rolled sheet steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A1008. **Steel:** Sheet steel components shall be fabricated using zinc-coated steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance

with ASTM A653. Flattened Expanded Metal Divisions that meets or exceeds ASTM A1008/A1008M, captured on all sides by the tubular shaped frame assembly. Self-Tapping Screws and Rivets. Provide only metal lockers that conform to Made in US regulations.

#### 2.03 HEAVY DUTY OPEN FRONT PERSONAL EQUIPMENT LOCKERS

**Heavy Duty Lockers:** All locker body components made of cold rolled steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.

**Locker Body Construction:** Bottoms, Tops and Shelves made from 16-gauge steel. Sides shall be either 16-gauge solid, 13-gauge flattened expanded metal, or 16-gauge diamond perforation (on 72 inch high only). Backs shall be solid 18-gauge single piece. Tops and bottoms with four sides formed at 90 degrees welded to the fully-framed channel with cast corner pieces. Channel Base shall be 4 inch or 6 inch high form 14-gauge sheet forming "C" channel attached to locker bottom. Shelves with four sides formed to 90 degrees, front edge having a second bend. Tubular frame construction with cast steel interlocks to provide a true fully framed locker body construction. Hole spacing in body not to exceed 1.5-inches. Optional factory assembly of lockers (welded version only).

#### 2.04 INTERIOR EQUIPMENT

**Heavy Duty Fully Framed Turnout Lockers Without Doors:** Optional Full Width Shelf - located approximately 13-inches (330 mm) below top of locker. Optional Coat Rod - using two heavy duty single prong hooks, mounted to shelf and two single prong hooks with a diameter of 0.187 in rear, mounted to shelf.

#### 2.05 ACCESSORIES

(For Full Line of Accessories see Complete Specifications Online)

**Interior Equipment:** OptioOptional Acrylic Mirror: Self-Adhesive, 6-inch (152 mm) x 8 inch (203 mm). Optional Full Width Shelves: 16-gauge, flanged on four sides and attached securely to mounting side rails. Optional Center Partition: 16-gauge with flanged front. Attaches securely to shelf and locker bottom or additional lower shelf. (Not for use with footlocker or seat) Mounting holes for half shelves provided on nominal 6 inch centers. Optional Half Shelf: 16-gauge, used with full height center partition only. Flanged on three sides. Optional "L" Shaped Half Shelves: 16-gauge, flanged on three sides and attached securely on one side with a side rail, and flanged partition mounted to shelf or half shelf above. Optional Security box: 16-gauge lockable door with a 16-gauge side panel. The door is attached to the welded frame of the security using a two-point hinge. The door is locked through a single point latch with a padlock or built-in lock. A door pull shall be provided for use with padlocks. Security box door frame to be not less than 16 gauge formed to a channel shape. Vertical members to have an additional flange to provide a continuous door strike. 9-inch wide, 12-inch wide, 15-inch wide, 18-inch wide, 21-inch wide, 24-inch wide. Optional cell phone/key tray: 8-inch (203 mm) x 2-inch (51 mm) x 2-inch (51 mm) mounted to flanged partition side of the half shelf. Optional metal seat only: 14-gauge, mounted using mounting rails to vertical corner posts allowing adjustability. Optional hardwood seat only: 1-1/4" thick full depth mounted using mounting rails to vertical corner posts allowing adjustability. Optional footlocker: Recessed from locker frame to

## SNAPSHOT SPECIFICATIONS (continued)

clear full length locker door. Front foot locker panel includes single point latch with padlock strike plate and vertical slots. 14-gauge lid of footlocker has a continuous hinge and. Also serves as a seat. Opening and closing of the lid is quieted by rubber bumpers mounted to the contact points. The seat lid is strengthened with reinforcement channels welded to bottom. Lid/seat is supported by two mounting side rails attached to the vertical posts. Optional sheet steel document sleeve. 16-gauge measuring 12-inches wide (horizontal storage) or 9-1/2 inches wide (vertical storage) mounted to flanged partition side of the half shelf. Optional Drawers. 12-inch-high or 6-inch high. Drawer body shall be constructed of 16-gauge sheet steel, mounted using an integral "C" channel and mounted to the side rails that are mounted to the corner posts. Optional Parachute/body armor rack. Formed from 3/4 inch diameter, heavy wall steel tube. Reinforced by 14-gauge gussets. Mounted to rear of locker using two mounting rails between corner posts. 180-pound capacity. Optional Inner Compartment Door, attached to "L" shaped half shelf. Optional Coat Rods using coat rod hooks mounted to shelf.

### 2.06 FABRICATION

Fabricate lockers with fully framed construction, 8 male/female tubular insertion points to provide the fully framed locker body, square, rigid, without warp, with metal faces flat and free of distortion. Fabricate lockers on the unit principle, each locker with individual door and frame, individual top, bottom, back, and shelves. Verify dimensions and arrangement before fabrication.

**Finish:** Hybrid Polyester powder coat paint finish electrostatically applied and properly cured to manufacturer's specifications for optimum performance. Finishes releasing VOC's and subject to out-gassing are not acceptable. Locker exterior and interior shall be painted the same color. Standard coating thickness is 1 to 1.2 mils (0.025 to 0.03 mm)

dry film thickness minimum. Powder Coat Plus option is 2 to 2.2 mils (.05 to .055 mm). Colors as selected from manufacturer's standard colors.

**Alternative finishes:** Custom color match, Anti-Graffiti or Anti-Microbial finishes are available.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

Do not begin installation until substrates and bases have been properly prepared. If substrate and bases are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.02 INSTALLATION

Install metal lockers and accessories at locations shown in accordance with manufacturer's instructions. Install lockers plumb, level, and square. Work is not to progress until site meets necessary conditions. Anchor lockers to floor and/or wall as recommended by the manufacturer. Bolt adjoining locker units together to provide rigid installation. Install sloping tops and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces. Install benches by fastening bench tops to pedestals and securely anchoring to the floor using appropriate anchors for the floor material.

### 3.03 ADJUSTING

Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily. Adjust built-in locks to prevent binding of dial or key and ensure smooth operation prior to substantial completion.

Touch-up with factory-supplied paint and repair or replace damaged products before substantial completion.

### 3.04 PROTECTION

Protect installed products until completion of project.

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