

SECTION 10 5113

METAL EVIDENCE LOCKERS

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Metal evidence locker units with hinged doors and refrigerated insert.
- B. Related Sections:
 - 1. Division 01: Administrative, procedural, and temporary work requirements.

1.2 REFERENCES

- A. ASTM International (ASTM) A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process.

1.3 SYSTEM DESCRIPTION

- A. Metal Lockers:
 - 1. Configuration: Pass-through.
 - 2. Mounting: Recessed.
 - 3. Contain multiple compartments of varying sizes to be installed in Storage Room 214.
 - a. Model 05AA with 5 doors and refrigerated insert containing 6 doors.
 - b. Model 08AD with 8 doors.
 - 4. Size: 36 inches wide x 24 inches deep x 82 inches high including 4 inch high base.

1.4 SUBMITTALS

- A. Submittals for Review:
 - 1. Shop Drawings: Include dimensioned plans and elevations showing locker layout and relationship to adjacent construction.
 - 2. Product Data: Manufacturer's descriptive data.
 - 3. Samples: 3-1/4 x 1-1/2 inch paint samples showing available colors.
- B. Sustainable Design Submittals:
 - 1. Recycled Content.
 - 2. Regional Materials.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 10 years documented experience in work of this Section.
- B. Installer Qualifications: Minimum 5 years documented experience in work of this Section.

1.6 WARRANTIES

- A. Provide manufacturer's 5 year warranty against defects in materials and workmanship.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Basis of Design are on Sentinel Evidence Lockers by Tiffin Metal Products and distributed by Storage Systems USA, 908-454-8990, Brent@storagesystemsusa.com
- B. Acceptable Manufacturer :Spacesaver Corporation, 1450 Janesville Avenue, Fort Atkinson, Wisconsin 53538-2798. Telephone: 800-492-3434. Salvatore Corino <scorino@modernofficesystems.com> (646-319-6446) or approved equal.

2.2 MATERIALS

- A. Steel Sheet:
 - 1. ASTM A1008/A1008M.
 - 2. Recycled content: Minimum 80 percent recycled steel, with minimum 80 percent classified as post consumer.

2.3 FABRICATION – EVIDENCE LOCKERS

- A. Construction:
 - 1. Doors, frames, shelves, tops, bottoms, and exposed sides: Minimum 16 gauge steel.
- B. Frames:
 - 1. Formed and welded into integrated units with doors installed.
 - 2. Body parts flanged and angled to provide rigidity; assembled by welding, bolting, or riveting using corrosion-resistant bolts and aluminum or stainless steel rivets.
 - 3. Provide mounting holes for attaching lockers back-to-back and side-by-side.
 - 4. Interior of lockers constructed flush, without offsets and protrusions.
- C. Doors:
 - 1. Customer side:
 - a. Louverless, self-closing.
 - b. Door hinges: Stainless steel, continuous type, 180 degree opening.
 - c. Keyless locking lift latch; locks when door is closed and latch is pushed up. Unlocked from control side.
 - 2. Control side:
 - a. Full-height door with 16 gauge steel three point latch bar with padlock provisions.
 - b. Control locking mechanisms not accessible from customer side.
 - 3. Number plates: Manufacturer's standard, sequentially numbered.

2.4 FABRICATION – REFRIGERATED INSERT EVIDENCE LOCKER

- A. Construction:
 - 1. Stainless steel interior and exterior construction.
 - 2. High density HFC and HCFC-free urethane foam insulation.
- B. Components:
 - 1. Condenser: 1/4 HP.
 - 2. Voltage: 115 VAC, 60 Hz, dedicated 15 amp circuit.
 - 3. Automatic defrost.
 - 4. Condensation removal.
 - 5. Industrial grade, hermetically-sealed compressor.
 - 6. Forced air circulation.
 - 7. Temperature control.

8. Digital thermometer.
9. Audible alarm, with high/low temperature settings.

C. Doors:

1. Louverless, self-closing, 180 degree opening main doors, 90 degree opening interior doors.
2. Customer side:
 - a. Main door keyed; interior doors drop keyed.
 - b. Furnish one key per lock and one master key.
3. Control side: Keyed; furnish one key.
 - a. Full-height door.
 - b. Control locking mechanisms not accessible from customer side.
4. Number plates: Manufacturer's standard, sequentially numbered.

2.5 FINISHES – EVIDENCE LOCKERS

A. Steel:

1. Minimum 5 mil thick factory-applied baked-on textured powder coat finish.
2. Color: To be selected from manufacturer's full color range.

2.6 FINISHES – REFRIGERATED INSERT FOR EVIDENCE LOCKERS

A. Stainless Steel

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with manufacturer's instructions and approved Shop Drawings.
- B. Set plumb, level, and aligned.
- C. Attach lockers to supporting construction with anchors best suited to substrate conditions.
- D. Bolt adjacent locker units together to provide rigid installation.

3.2 ADJUSTING

- A. Adjust doors and latches to operate correctly.

END OF SECTION