

MATOC & Seed Project RFI Clarifications

Bid Bonds

Q7. If we bid the seed project but do not submit a bid bond can we still be awarded a MATOC slot and not win the seed project?

Q100. Given the magnitude of this project, will a bid bond in the full amount of the SEED project proposal price be needed to be able to be awarded a Slot in the MATOC? Many Small business firms will find it difficult to bond a project of this size, yet would still like to be able to be awarded a MATOC slot. Please clarify bonding Requirements for the Award of a MATOC slot.

Answer: A bid bond is not required if you want to qualify as a MATOC participant only, although all other solicitation instructions must be followed. If you are bidding on the seed project (Canteen Renovation), a bid bond is required. If awarded the seed project, payment and performance bonds are required.

Freezers and Coolers

Q49a. Reference Plan Sheet A102 and F549_1 (DWG 1 of 3).

Who provides and installs the Freezer and Cooler in the Bottom RH corner of the Kitchen?

Q72. Regarding the built in freezers; are these items OFOI and if so, will the government's subcontractor be providing equipment specifications for each item?

Answer: General Contractor will provide NSF labeled commercial grade walk-in coolers/freezers sized to fit in the floor space indicated with minimum of 7 feet interior headspace and insulated floor suitable for food service usage. Compressors shall be located in Mechanical room serving this project. Please see attached Freezer Cooler.

Specification 10 21 13

Q79. No spec section was provide for the type of toilet partitions and urinal screen, please provide.

Q89. Within specification section – Division 10, Specialties, there are no specifications for the bathroom toilet partitions. Please provide clarification as to type, style, etc.

Answer: Please see attached Specification 10 21 13.

Total Area Square Footage

Q97. Regarding total area, Attachment 7 Scope of Work, page 1 for Project No.: 549-07-107 Project Title: Canteen Renovation. "Contractor to provide all supervision; labor; provide and install material and equipment and prepare site to Renovate 11,000GSF of which includes Canteen Kitchen, Dining, Storage, and Administrative areas located in Building No. 2, Basement Floor." Our calculation of area from the CD does not match the area on your scope of work of 11,000GSF. Please let us know if size variances found on the CD supersedes the printed 11,000GSF on attachment 7.

Our calculation from the drawings you provided show 13,286 square feet in the Canteen area and 2,830 square feet in the surrounding corridors where the sprinkler & wall finishes work is to be done. The total area shown on your drawings for construction is 16,116 square feet. This area does not match the wording in attachment 7:

Attachment 7

Scope of Work

Project No.: 549-07-107

Project Title: Canteen Renovation

"Contractor to provide all supervision; labor; provide and install material and equipment and prepare site to Renovate 11,000GSF of which includes Canteen Kitchen, Dining, Storage, and Administrative areas located in Building No. 2, Basement Floor."

What is the total area you want us to bid on:

a) 16,116 GSF or b) 11,000 GSF

Answer: Construction work is approximately 11,000 sf. There is an additional 5,000 sf of fire alarm sprinkler work to be done as described in the drawings.

Confined Space SOP

Q115. The basement is considered to be a confined space. What are the VA requirements to work in the basement?

Answer: Please see attached "Confined Spaces SOP".

(Walk-In Cooler/Freezer Combination (2 compartments) 29' 0" long, 12' 6" wide, 8' 7" high.

This full size walk-in contains 2,623 internal cubic feet to assure maximum storage capacity. Compare to other quotes which may be nominal dimensions which can result in reduced storage space.

Refrigeration is "sized" for holding product only; that is; our calculation is based on product entering at the same temperature as the desired temperature of this walk-in.

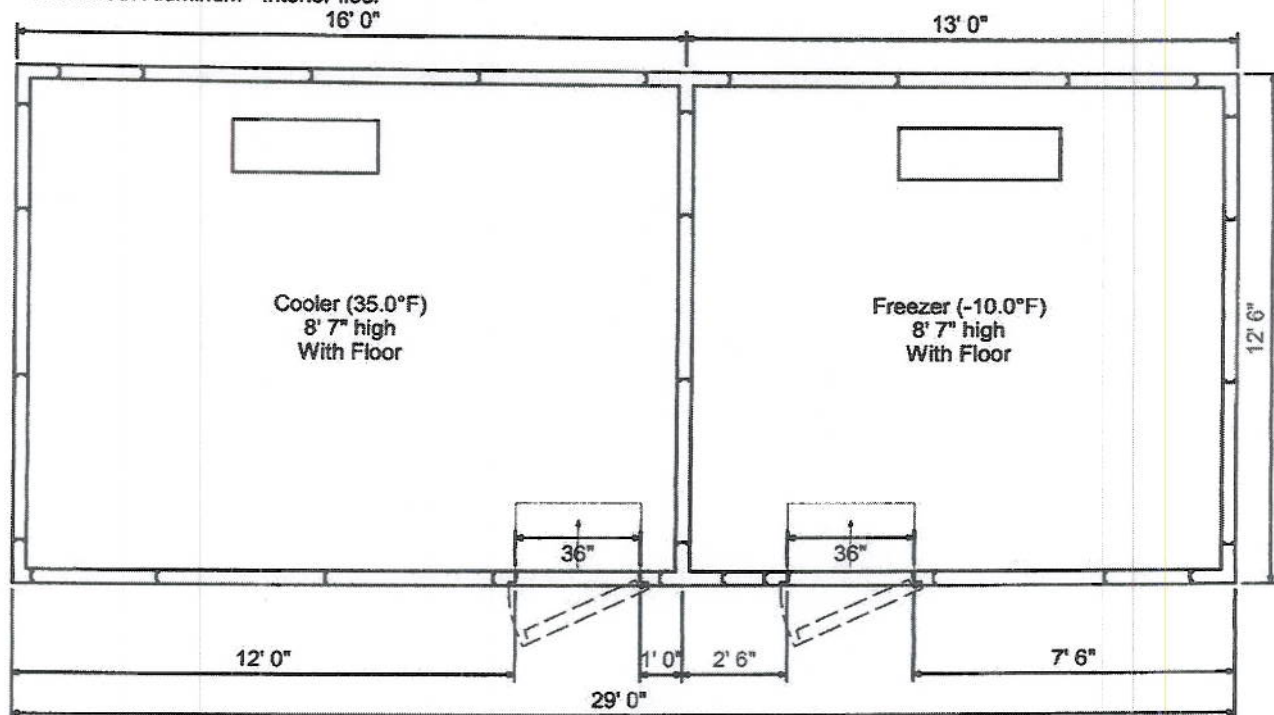
Approximate Total Shipping Weight (lbs) 6,046
Manufactured with environmentally friendly HFC134A polyurethane foam insulation.

Registered by UL to ISO 9001-2008. Walk-In Cooler/Freezer Combination (2 compartments)
29' 0" long, 12' 6" wide, 8' 7" high.

Finishes:

26 Gauge Corrosion Resistant Stucco Embossed Coated Steel - Interior wall, Exterior wall, Interior ceiling

.100 Smooth Aluminum - Interior floor



Freezer (-10.0°F) Details:

(1) 36" X 78" Walk-In Door

Includes door closer, cam lift hinges (one spring loaded), deadbolt key/padlock handle with inside release, magnetic gasket, heater wire, double sweep gasket, vapor proof light and combination digital thermometer and switch w/pilot light. (1) 36" Interior Ramp With Non-Skid Strips Applied To Top (24" Deep)

(1) Heated Air Vent For 4" Thick Panel (Installed In Wall Or Corner Panel)

(1) -10° F Operation, Low Temperature, Air Cooled, Defrost Timer, Remote Fast-Trak UL Refrigeration System, Pre-Assembled, Pre-Piped And Pre-Charged With Quick-Connect Fittings And 50 Feet Of Pre-Charged Line Set, Flip Up All Weather Hood And -20 Degree Ambient Controls, Welded Hermetic, Low Profile Unit Cooler, Meets CEC Requirements, 208/230-1-60 Electrical. Condensing Unit Rack Overall Size Is 36.125 Inches Wide, 35.75 Inches Long And 22 Inches High. Unit Cooler Overall Size Is 15 Inches Wide, 45.5 Inches Long And 15.25 Inches High. Condensing Unit, 208/230-1- 60 Electrical Requirements Are 26.7 Minimum Circuit AMPS And 35 Maximum Fuse Size. Unit Cooler, 208/230-1-60 Electrical Requirements Are 8.7 Minimum Circuit AMPS And 15 Maximum Fuse Size. Total System Electrical Requirements Are 27.7 Minimum Circuit AMPS And 40 Maximum Fuse Size. 4.49 EER Rating. (system capacity 6749 BTU's/hour at 110.0°F ambient temperature.)
Calculated load for Freezer (-10.0°F) is 6094 BTU's/hour calculated from 90 °F ambient temperature, 70 °F floor temperature, 37 minutes open door time per 24 hrs for (1) 36" X 78" walk-indoor opening into 90 °F ambient, 1.5 Watts per square foot lighting operating 10 hours per day, 0.08125 occupants working 10 hours per day.

(1) Optional Five Year Extended Compressor Warranty

(1) 18 Month Labor/Service Warranty

Refrigeration is "sized" for holding product only; that is; our calculation is based on product entering at the same temperature as the desired temperature of this walk-in.

Cooler (35.0°F) Details:

(1) 36" X 78" Walk-In Door

Includes door closer, cam lift hinges (one spring loaded), deadbolt key/padlock handle with inside release, magnetic gasket, heater wire, double sweep gasket, vapor proof light and combination digital thermometer and switch w/pilot light. (1) 36" Interior Ramp With Non-Skid Strips Applied To Top (24" Deep)

(1) 35° F Operation, High Temperature, Air Cooled, "Off Cycle" Timer, Remote Fast-Trak UL Refrigeration System, Pre-Assembled, Pre-Piped And Pre-Charged With Quick-Connect Fittings And 50 Feet Of Pre-Charged Line Set, Flip Up All Weather Hood And -20 Degree Ambient Controls, Welded Hermetic, Low Profile Unit Cooler, Meets CEC Requirements, 208/230-1-60 Electrical. Condensing Unit Rack Overall Size Is 26.25 Inches Wide, 35.75 Inches Long And 19 Inches High. Unit Cooler Overall Size Is 15 Inches Wide, 41.5 Inches Long And 15.25 Inches High. Condensing Unit, 208/230-1- 60 Electrical Requirements Are 11.7 Minimum Circuit AMPS And 15 Maximum Fuse Size. Unit Cooler, 115-1-60 Electrical Requirements Are 1.8 Minimum Circuit AMPS And 15 Maximum Fuse Size. Total System Electrical Requirements Are 13.7 Minimum Circuit AMPS And 20 Maximum Fuse Size. 5.77 EER Rating. (system capacity 6778 BTU's/hour at 110.0°F ambient temperature.)
Calculated load for Cooler (35.0°F) is 5930 BTU's/hour calculated from 90 °F ambient temperature, 70 °F floor temperature, 37 minutes open door time per 24 hrs for (1) 36" X 78" walk-indoor opening into 90 °F ambient, 1.5 Watts per square foot lighting operating 8 hours per day, 0.1 occupants working 8 hours per day.

(1) Optional Five Year Extended Compressor Warranty

(1) 18 Month Labor/Service Warranty

Refrigeration is "sized" for holding product only; that is; our calculation is based on product entering at the same temperature as the desired temperature of this walk-in.

Construction Approvals: NSF Approved, UL Electrical and UL Flame Spread-25 in accordance with ASTM E-84.

To comply with the US Energy Independence & Security Act of 2007, all walk-in doors opening into the ambient (indoors or outdoors) are required to have a method for minimizing infiltration when the doors are open. All walk-in doors will include a spring hinge to comply with this standard by 1-1-09, however; to further minimize infiltration, it is recommended to use a strip curtain or strip door for all exterior doors.

SECTION 10 21 13**TOILET COMPARTMENTS****PART 1 - GENERAL****1.1 DESCRIPTION**

This section specifies solid phenolic toilet partitions and urinal screens.

1.2 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Samples: two 6" x 6" samples.
- C. Manufacturer's Literature and Data: Specified items indicating all hardware and fittings, material, finish, and latching.
- D. Shop Drawings: Construction details at 1/2 scale, showing installation details, anchoring and leveling devices.
- E. Manufacturer's certificate, attesting that zinc-coatings conform to specified requirements.

1.3 APPLICABLE PUBLICATIONS

- A. Publications listed below form a part of this specification to the extent referenced. Publications are referenced in the text by the basic designation only.
- B. Federal Specifications (Fed. Spec.):
FF-B-575C.....Bolt, Hexagon and Square
- C. Code of Federal Regulations (CFR):
40 CFR 247.....Comprehensive Procurement Guidelines for
Products Containing Recovered Materials
- D. Commercial Item Descriptions (CID):
A-A-1925.....Shield, Expansion (Nail Anchors)
A-A-60003.....Partitions, Toilet, Complete

PART 2 - PRODUCTS**2.1 TOILET PARTITIONS:**

- A. Solid phenolic: water resistant; graffiti resistant; non-absorbent; contain a minimum 30 percent post consumer recycled plastic; Class C flame spread rating.
- B. Conform to Fed. CID A-A-60003, except as modified herein.
- C. Fabricate to dimensions shown or specified.

D. Toilet Enclosures:

1. Type 1, Type A (Floor supported).
2. Reinforce panels shown to receive toilet tissue holders or grab bars.
3. Upper pivots and lower hinges adjustable to hold doors open 30 degrees.
4. Latching devices and hinges for handicap compartments shall comply with ADA requirements.
5. Keeper:
 - a. U-slot to engage bar of throw latch.
 - b. Combined with rubber bumper stop.
6. Wheelchair Toilets:
 - a. Upper pivots and lower hinges to hold out swinging doors in closed position.
 - b. Provide U-type doors pulls, approximately 100 mm (four inches) long on pull side.
7. Finish:
 - a. Textured finish and color selected from manufacturers standard colors.

E. Urinal Screens:

1. Type III, Style E (wall hung), finish and color to match toilet partitions
 - a. With integral flanges and continuous, full height wall anchor plate.
 - b. Option: Full height U-Type bracket.
 - c. Wall anchor plate drilled for 4 anchors on both sides of screen.
2. Screen 600 mm (24 inches) wide and 1060 mm (42 inches high).

2.2 FASTENERS

- A. Partition Fasteners: CID A-A-60003.
- B. Use expansion bolts, CID A-A-60003, for anchoring to solid masonry or concrete.
- C. Use toggle bolts, CID A-A-60003, for anchoring to hollow masonry or stud framed walls.

PART 3 - EXECUTION**3.1 INSTALLATION**

A. General:

1. Install in rigid manner, straight, plumb and with all horizontal lines level.
2. Conceal evidence of drilling, cutting and fitting in finish work.
3. Use hex-bolts for through-bolting.
4. Adjust hardware and leave in freely working order.

5. Clean finished surfaces and leave free of imperfections.

B. Panels and Pilasters:

1. Support panels, except urinal screens, and pilaster abutting building walls near top and bottom by stirrup supports secured to partitions with through-bolts.
2. Secure stirrups to walls with two suitable anchoring devices for each stirrup.
3. Secure panels to faces of pilaster near top and bottom with stirrup supports, through-bolted to panels and machine screwed to each pilaster.
4. Secure edges of panels to edges of pilasters near top and bottom with "U" shaped brackets.
5. Where overhead braced, secure pilasters to building walls by headrails clamped on or set into top of each pilaster.
 - a. Secure clamps to pilasters with two through-bolts to each clamp.
 - b. When headrails are set into pilasters, through-bolt them to the pilasters.
 - c. Support headrails on wall flange fittings secured to building walls with minimum of two anchor bolts to each flange fitting. //

C. Urinal Screens:

1. Anchor urinal screen flange to walls with minimum of four bolts both side of panel.
2. Space anchors at top and bottom and equally in between.

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**OFFICE OF THE CHIEF ENGINEER
DEPARTMENT OF VETERANS AFFAIRS
NORTH TEXAS HEALTH CARE SYSTEM**

March 16, 2011

STANDARD OPERATING PROCEDURE 138-09

PERMIT-REQUIRED CONFINED SPACES

1. **PURPOSE:** To set forth the minimum requirements and procedures for the safe entry, continued work in, and exit from manholes, tanks and other confined spaces.
2. **DEFINITIONS:**
 - a. **Confined Space:** A confined space is any tank, vessel, vault, pit, sewer or enclosed structure with the following three characteristics:
 - (1) Is large enough and so configured that an employee can bodily enter and perform assigned work; and
 - (2) Has limited or restricted means for entry or exit (for example, tanks vessels, silos, storage bins, hopper, vaults, and pits are spaces that may have limited means of entry); and
 - (3) Is not designed for continuous employee occupancy.
 - b. **Permit-Required Confined Space:** A confined space that has one or more of the following characteristics:
 - (1) Contains or has a potential to contain a hazardous atmosphere;
 - (2) Contains a material that has the potential for engulfing an entrant;
 - (3) Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls or by a floor which slopes downward and tapers to a smaller cross-section; or
 - (4) Contains any other recognized serious safety or health hazard.
 - c. **Non-permit confined space:** A confined space that does not contain or, with respect to atmospheric hazards, have the potential to contain any hazard capable of causing death or serious physical harm.
 - d. **Entry Supervisor:** Means the person (such as the team leader, supervisor or a section member) responsible for determining if acceptable entry conditions are present at a permit space where entry is planned, for authorizing entry and overseeing entry operations.
 - e. **Attendant:** An individual stationed outside one or more permit spaces who monitors the authorized entrant and who performs all attendant's duties assigned in the permit space program.
 - f. **Entrant:** Means a person who is authorized by the employer to enter a permit space.

- g. **Testing:** Means the process by which the hazards that may confront entrants of a permit space are identified and evaluated. Testing includes specifying the tests that are to be performed in the permit space.

3. PROCEDURES:

a. General

- (1) All confined spaces at the VA North Texas Health Care System shall be defined as permit-required confined spaces, until such time that documentation relating to the hazards and subsequent air monitoring data can collectively be analyzed for each confined space. Should the investigation and data interpretation reveal the confined space as meeting the non-permit required criteria, the permit required confined space shall be reclassified as a non-permit required confined space. Reclassifications will take place on a yearly basis.
- (2) A confined space entry form must be obtained, appropriate tests performed, involved personnel trained, along with the approval by both supervision and Quality Management Service Safety representative. These actions should be completed prior to any entrance into a confined space within the VA North Texas Health Care System Center. All confined spaces will identified by Engineering Service and entry points posted. Entry into a confined space will require an initial evaluation by the Quality Management Service Safety section.
- (3) Confined Space Entry Permit forms will be obtained from the Quality Management Service Safety Section.
- (4) Before entering the confined space, the permit form must be completed, with all appropriate participant and approval signatures obtained.
- (5) Participant signatures will indicate that the participant understands his role in the Confined Space Entry procedure, as defined herein, and certification of the accuracy of information entered on the form.
- (6) The approval permit must be readily available for inspection at the job site.
- (7) After completion of the job, the permit will be kept for one year in a Confined Space Entry file kept by the Quality Management Service Safety Section.
 - (a) **Pre-Entry Conditions.** Prior to entry into a confined space, the following pre-entry conditions shall be performed by the Entry Supervisor:
 - 1. Complete the permit.
 - 2. Review the permit conditions with the attendant and entrant.
 - 3. Ensure that the confined space is isolated. All pipe connections leading to the confined space which is to be entered must be physically disconnected and blanked and/or valve locked out.

4. Ensure that all other pertinent procedures are also followed such as Lock-Out-Tag-Out and Hot Work Operations.
5. Ensure that emergency communications equipment and/or personnel are readily available for the attendant.
6. Check all operations in the vicinity of the confined space entry until those operations deemed hazardous to the worker(s) in the confined space are stopped. Close covers on nearby vessels. Do not transfer flammable, toxic or corrosive materials in the immediate area while work is going on.
7. Any conditions making it unsafe to remove and entrance cover shall be eliminated before the cover is removed, the opening shall be promptly guarded by a railing, temporary cover or other temporary barrier that will prevent falls from individuals walking into the entry area or that may fall into the opening.

(b) Electrical Equipment:

1. All electrical equipment used in the confined space must be double insulated or be supplied with grounding and protected by a ground fault circuit interrupter located outside the access opening.
2. Whenever work must proceed inside a confined space in which the presence of flammable or explosive substances is possible, explosion-proof electrical equipment and non-sparking tools must be used.
3. If there is a temporary interruption in the work and/or monitoring, tools and electrical equipment are to be removed from the confined space.
4. Whenever work must be performed in wet areas such as standing water, only battery operated electrical equipment will be used.

(c) Atmospheric Testing. Every entry into a confined space will be preceded by a series of atmospheric tests, conducted by the Entry Supervisor (or Quality Management Service Safety Representative). Explosions meter tests will be conducted both inside the space, at various levels, and in the adjacent area. Oxygen tests will be conducted inside the confined space first, at various depths, followed by the flammable test, and last, a toxin test, which may be needed to completely characterize the atmospheric conditions inside the space.

1. Oxygen Test: The atmosphere of the confined space will be tested for oxygen content at various levels. Acceptable oxygen levels will be from 19.5 to 23.5 percent. If a reading is less than 19.5 percent or greater than 23.5 percent, further ventilation and re-testing is required prior to entry.

2. **Flammable/Combustible Test:** The atmosphere of the confined space and the adjacent area will be tested at various levels with an explosimeter for the presence of flammable or combustible. (Note: Calibration of the explosimeter must have been conducted no longer than one month prior to testing the atmosphere in the confined space. The calibration log is kept on file by the Quality Management Service Safety Section, and must be referenced prior to using the explosimeter.) If a reading in excess of 10% (meter alarm point) is obtained in the confined space or adjacent area, further cleaning, ventilation and retesting is required prior to entry.
3. **Toxins Test:** Testing for a specific atmospheric contaminant may be required for some confined space entries. Examples of a toxic contaminant may be the chemical that was used in the space prior to entry, carbon monoxide from nearby vehicular traffic, or hydrogen sulfide gas from a septic system. The toxic test will be administered at the discretion of the Quality Management Service Safety Representative.

b. **Emergency:**

- (1) All entrants shall immediately exit the confined space at the first indication of any hazard to their safety. These indications include, but are not limited to:
 - (a) Any physical or behavioral symptoms characteristic of oxygen deficiency or chemical toxicity (dizziness, mental confusion, nausea, headache, etc.)
 - (b) Chemical spills in the confined space.
 - (c) Fire or electrical spark
 - (d) All entrants shall immediately exit the confined space if ordered to do so by the attendant, supervisor or Quality Management Service Safety representative.
 - (e) In an emergency, the attendant shall report (or direct another person to report) the emergency by calling 911, to summon assistance from the Fire Department. Place a second call to the VA operator, at extension 6911. The operator shall then notify Quality Management Service Safety Section, on-site emergency medical assistance, and the Executive Office.
- (2) Under no circumstances shall anyone enter a confined space to rescue an unconscious person without the following:
 - (a) Approved respirator training according to CFR 1910.134.
 - (b) Equipped with a Self-Contained Breathing Apparatus (SCBA).
 - (c) Wearing a safety harness and life-line

- (d) Additional rescue personnel similarly prepared and trained stationed in a safe area outside the hazardous work zone.
- (e) Communications established between entering rescue personnel and outside personnel.

4. RESPONSIBILITIES:

a. Chief Engineer is responsible for:

- (1) Ensuring projects, maintenance and/or repairs in permit spaces utilize only authorized entrants.
- (2) Ensuring permit spaces are identified.
- (3) Providing all equipment needed for safe entry into any permit space and ensuring that equipment is in proper working order.
- (4) Being knowledgeable of the hazards associated with the permit area.
- (5) Verifying acceptable entry conditions.

b. Quality Management Service Safety Section

- (1) Maintain the confined space log and permit forms.
- (2) Characterize permit vs. non-permit confined spaces by accumulating data on each confined space previously entered during the year.
- (3) Provide training to Entry Supervisors, Attendance and Entrants.
- (4) Assure proper signage indicating the locations of permit required confined spaces.

c. Entry Supervisor

- (1) Check all preparation work.
- (2) Conduct all tests
- (3) Recommend additional safety equipment
- (4) Suspend work in the space if the safety of the workers is endangered.
- (5) Train attendant and entrant in confined spaces, define type, and label accordingly.
- (6) Knowledge and/or training in confined space entry techniques.
- (7) Familiar with safety and rescue equipment and procedures.

- (8) A general knowledge of work being conducted in the space.
- (9) Knowledge of the instrumentation used and interpretation of tests results.
- d. Attendant
 - (1) Must be properly trained in the hazards associated with confined space entry, and in the personal protective equipment used.
 - (2) Must maintain continuous verbal and/or visual contact with the entrant.
 - (3) Knowledge of work being done in the space.
 - (4) Able to recognize the need to help the workers and call for help.
- e. Entrant
 - (1) Must be properly trained in the hazards associated with confined space entry, and in the personal protective equipment used.
 - (2) Must have knowledge of work being performed in the confined space.
- 5. **REFERENCE:** 29 CFR 1910.146, Permit-required confined spaces; American Hospital Association, Healthcare Facilities Management Series, "Permit-Required Confined Spaces."
- 6. **RESCISSION:** Engineering Service Memorandum No. 9 dated December 17, 1993.
- 7. **FOLLOW-UP RESPONSIBILITY:** Associate Chief Engineer/ Maintenance & Operations (138).

KENDRICK D. BROWN.
Interim, Chief Engineer

Attachment

Dist.: 138 SOP Manual – Original
Associate Chief Engineers (138)
All Supervisors (138)
Quality Management Service (11Q)

CHECK LIST FOR ENTRY, WORKING IN AND EXISTING CONFINED SPACES

| ITEM | CLASS: A | CLASS: B | CLASS: C |
|------------------------------|----------|----------|----------|
| Manager Approval | X | X | X |
| Atmospheric Testing | X | X | X |
| Monitoring | X | O | O |
| Medical Surveillance | X | X | X |
| Training of Personnel | X | X | X |
| Labeling & Posting | X | X | X |
| Preparation: | | | |
| Purge and Ventilate | X | X | O |
| Cleaning Process | O | O | O |
| Special Equipment/Tools | X | X | O |
| Procedures: | | | |
| Initial Plan | X | X | X |
| Standby | X | X | O |
| | X | X | X |
| Communications/Observation | | | |
| Rescue | X | X | X |
| Work | X | X | X |
| Safety Equipment & Clothing: | | | |
| Head protection | O | O | O |
| Hearing protection | O | O | O |
| Hand protection | O | O | O |
| Foot protection | O | O | O |
| Body protection | O | O | O |
| Respiratory protection | X | O | O |
| Life Lines, harness | X | O | O |
| Rescue Equipment | X | X | X |
| Record keeping/Exposure | X | X | O |

X – Indicates requirement

O – Indicates determination by qualified person