

## Modification Highlights – Executive Order VR-105-D

Global change - All references to Revision level in the legal language and exhibits of Executive Order VR-105 along with the ARB Approved Installation, Operation and Maintenance (IOM) have been changed to letter D.

### Executive Order

- **Exhibit 1** has been updated as follows:
  - **Spill Container** section
    - Added Footnote #1 (text below):  
*Drain Valves are an optional component for Product Spill Containers. Customers can install what is traditionally considered a Vapor Spill Container (Drain Valve Port Factory Plugged) in lieu of the Product Spill Container with a drain valve.*
    - Clarified the part numbering system used by EMCO for the various spill container configurations. All spill container part numbers begin with A1004EVR-X, with X being a number and/or number-letter combination that indicates specified configurations with respect to Multiport, Single Wall Direct Burial (5 and 15 gallon sizes) and Double Wall Direct Burial (5 and 15 gallon sizes).
  - **Drain Valve** section
    - Added Footnote #2 (text below):  
*For Product Spill Containers that contain a drain valve, only this component and model number specified above shall be installed or used.*
  - **Drop Tube** section:
    - Added Footnote #3 (text below):  
*The A0020EVR has a sealing surface made by machine rolling the metal of the drop tube. The A0020EVRC has a machined collar that is installed on the drop tube.*
    - Added the following part numbers:  
EMCO Model A0020EVR-X  
EMCO Model A0020EVRC-X  
X= 004, 005, 007 or 008
  - **Ball Float Vent Valve** section removed to be consistent with revisions to other Phase I EO's
  - **Fuel Lock** section:
    - Added Footnote #4:  
*If these components are installed, only those components and model numbers specified above shall be installed or used.*

## Modification Highlights – Executive Order VR-105-D (Continued)

- Added the following part numbers:
  - McGard FL1 – Standard Fuel Lock (125007)
  - McGard FL2 – Sampling Fuel Lock (125008)
- **Table 1** – added components exempt from identification requirements:
  - EMCO Drop Tubes A0020EVR and A0020EVRC
  - McGard Fuel Locks FL1 and FL2
- **Photo ID section (fuel lock added, etc.)**
- **Exhibit 2** has been updated as follows:
  - **Figure 2A**
    - Added footnote #3 regarding McGard Fuel Lock:  
*McGard FL1 or FL2 Fuel Lock (Optional – Not Pictured), if installed, would be positioned inside the riser seal (or pipe nipple) below the rotatable adaptor.*
    - Added the note to the figure that reads:  
*Note: The Drain Valve is Optional – spill containers with a factory installed drain plug are permitted for fill applications.*
  - **Figure 2C**
    - Added footnote #4 regarding McGard Fuel Lock:  
*McGard FL1 or FL2 Fuel Lock (Optional – Not Pictured), if Installed, would be positioned inside the riser seal (or pipe nipple) below the rotatable adaptor.*
    - Added the note to the figure that reads:  
*Note: The Drain Valve is Optional – spill containers with a factory installed drain plug are permitted for fill applications.*
- **Exhibit 4** (Manufacturer’s Warranties) has been added.

## Installation, Operation and Maintenance (IOM) Manual

- **Summary of Guidance of Maintenance Activities Required of the EMCO Wheaton Retail Phase I Vapor Recovery System** updated as follows:
  - **Spill Containment Section** - shows that drain valve is optional for product spill bucket installations
  - **Drain Valve Section** – (if equipped) note added at the title
  - **Ball Float Valve Section** – section added to the document
  - **Straight Drop Tube Section** – section added to the document
- **EMCO Wheaton Retail Phase I EVR Equipment Installation Checklist for Installing Components per ARB Executive Order VR-105-D** updated as follows:

## Modification Highlights – Executive Order VR-105-D (Continued)

- **Straight Drop Tube Installation** - added section specific to this installation configuration including notes regarding what additional components (Ball Float Vent Valves) are required when installing a straight drop tube.
- **Machined Collar** – added note in the drop tube section regarding this option.
- **Table of Contents**
  - **Spill Container Kits** (B-1 thru B-5) section updated with better descriptions of each kit using the EMCO ‘dash #’ at the end of the A1004EVR bucket part number designation
  - **Spill Container Liner Replacement Kits** (B-6 thru B9) section updated with better descriptions of each kit (see Spill Container Kits above)
  - **Straight Drop Tube** section (D-2) added
  - **McGard Fuel Lock** sections (O-1) and (O-2) added
    - O-1 installation instructions
    - O-2 kit for testing drop tube with McGard Fuel Lock in place.
- **Figures A-1 thru A-5 updated:**
  - **Figures A-1 and A-3** added a note on each figure that states:
    - *Note: The Drain Valve is Optional – spill containers with a factory installed drain plug are permitted for fill applications.*
- **Spill Container Kits** (B-1 thru B-5):
  - Multi-port 237, 242, 248 (updated existing)
  - 5 Gal. Direct Burial 003, 005, 010, 012, 210, 316 (new version)
  - 5 Gal. Direct Burial 004, 006, 011, 013, 211, 317 (new version)
  - 15 Gal. Direct Burial 215 (new version)
  - 15 Gal. Direct Burial 216 (new version)
- **Spill Container Liner Replacement Kits** (B-6 thru B-9):
  - Primary Kit 494360EVR and 494466EVR (new version)
  - Primary Kit 494350EVR and 494467EVR (new version)
  - Primary Kit 494602EVR and 494661EVR (new version)
  - Primary and Secondary Kit 494550EVR and 494660 EVR (new version)
- **Drain Valve Kit 494118** (C-1): (updated existing)
- **Drop Tube Overfill Prevention Device A1100EVR** (D-1): (updated existing)
- **Straight Drop Tube A0020EVR and A0020EVRC** (D-2): (new version)

## **Modification Highlights – Executive Order VR-105-D (Continued)**

- **Riser Seal 494096** (E-1): (updated existing)
- **Product Adaptor A0030-124S** (F-1): (updated existing)
- **Vapor Adaptor A0076-124S** (F-2): (updated existing)
- **Product Dust Cap A0097-005** (G-1): (updated existing)
- **Vapor Dust Cap A0099-002,-003** (G-2): (updated existing)
- **Tank Gauge Port Adaptor A0030-014** (H-1): (updated existing)
- **Tank Gauge Port Cap A0097-010** (H-2): (updated existing)
- **Extractor Assembly A0079** (I-1): (updated existing)
- **Adaptor O-Ring Kit 494301** (J-1): (updated existing)
- **Adaptor Gasket Kit 409628** (J-2): (updated existing)
- **Installation and Maintenance Tools** (K-1): (no change)
- **Pressure/Vacuum Vent Valves**
  - **Husky 5885** (L-1): (updated existing)
  - **FFS PV-Zero** (L-2): (updated existing)
- **Dust Caps OPW 634LPC and 1711LPC** (M-1): (updated existing)
- **Dust Caps CompX Security Products**  
**CSP1-634LPC, CSP2-634LPC, CSP3-1711LPC and CSP4-1711LPC** (N-1): (updated existing)
- **Fuel Lock McGard**
  - **FL1 and FL2** (O-1): (new item)
  - **Isolation Instructions for Fuel Lock** (O-2): (new item)