



## Maintenance Procedures

### -Monthly Inspection Requirement-

#### **Fire Suppression System**

- Verify the Pressure gauge installed on the cylinder should remain operable and within the Green range.
- The lock pin and tamper seal is in place and secured with safety tag.
- There are no physical defects or wear noted to any part of the assembly.

#### **Fire Containment Bag**

- Ensure that the material is free from tears, bulges or separating stitches, and any other signs of damage.
- Verify the operating instructions are clear & visible.
- Verify the fire resistant gloves are in designated pocket as received.

**Note: After the (EFCS) has been placed into service the entire system should be inspected prior to each departure for a period of no less than 7 days to ensure system integrity. If any of the inspections completed on the unit reveals a deficiency in any of inspection items corrective action must be taken immediately to ensure the (EFCS) operates as designed. Request an MRA from Fire Containment Concepts.**

### -Yearly Maintenance Requirements-

#### **Emergency Fire Containment System Apparatus Bag and Fire Suppression System**

- Verify the Pressure gauge installed on the cylinder should remain operable within the Green range. The lock pin and tamper seal is in place and secured.
- There are no physical defects or wear noted to any part of the assembly.
- The Apparatus Bag is free from tears, bulges or separating stitches, or any other signs of damage.
- Verify the operating instructions are clearly visible.
- Verify the fire resistant gloves are free from damage and easily accessible.
- Weigh the bag assembly note any changes in weight from the data plate attached. If the weight has decreased substantially from the initial weight contact Fire Containment Concepts for corrective actions.
- Ensure that the Holding Box is free from defects

**Note: the Weight check of the Bag is taken with the Bag not installed in the holding box.**

Initial and Date the Inspection tag attached to the holding container, note the new weight of the EFCS as a completed unit, date inspection completed, signature of person completing inspection.

### -6 Year Maintenance Requirements-

Every Six years from the date of manufacturer of the extinguisher cylinder (noted on the top of extinguisher and data plate on exterior of bag) the Emergency Fire Containment System shall be returned to Fire Containment Concepts for advanced inspection including cleaning, any repairs to bag, inspection, re-servicing of suppression agents and inspection of mechanical parts, extinguishing agent and expelling means. It is intended to give maximum assurance that an extinguisher will operate effectively and safely, and must be completed by manufacturer. The data plate will indicate inspection completed, date and certified inspector approving.

### -12 Year Hydrostatic Test-

All Emergency Fire Containment Systems require a extinguisher 12 year hydrostatic test performed by Fire Containment Concepts. Simply stated, the Hydrostatic test confirms the integrity of the cylinder. At the 12 year mark from the date of manufacture it is performed in conjunction with the 6 year maintenance requirements. The data plate will indicate which inspections were completed, date and certified inspector approving. .

Please check website for updated Maintenance procedures [www.fcconcepts.com](http://www.fcconcepts.com)