



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

February 28, 2013

To: Wayne Boyd
Emco Wheaton Retail
2300 Industrial Park Drive
Wilson, NC 27893

Re: Emco Wheaton A1005-505CDR Spill Bucket Repair Kit

Mr. Boyd:

This is in response to your request for a review of the above-referenced Emco Wheaton A1005-505CDR spill bucket repair kit to ascertain if it meets the definition of an acceptable repair method for damaged spill buckets. It has been noted that the engineered design of the Emco Wheaton A1005-505CDR is a variant of the Emco Wheaton A1005-505C that was approved for use in North Carolina on March 24, 2010. The North Carolina Department of Environment and Natural Resources (NCDENR) – Underground Storage Tank (UST) Section has reviewed the specifications and information that you provided to us. Based on this information, we have concluded that the Emco Wheaton A1005-505CDR spill bucket repair kit is an approvable means of repairing a failed spill bucket provided that:

1. The Emco Wheaton A1005-505CDR spill bucket repair kit is specifically designed and manufactured for the make and model of the damaged spill bucket,
2. The damage to the original spill bucket is only minor in nature and does not require the bottom to be cut out to install the Emco Wheaton A1005-505CDR spill bucket repair kit,
3. The original spill bucket was installed before November 1, 2007,
4. The Emco Wheaton A1005-505CDR spill bucket repair kit is installed in accordance with manufacturer's written guidelines,
5. The spill bucket is hydrostatically or vacuum tested after the Emco Wheaton A1005-505CDR spill bucket repair kit is installed to verify that the repair was completed correctly. The test results must subsequently be documented and provided to the tank owner for his/her records, and
6. The drain cavity is vacuum tested in accordance with Emco Wheaton's written installation guidelines for the Emco Wheaton A1005-505CDR to verify the integrity of the drain. The test results must subsequently be documented and provided to the tank owner for his/her records.

If you have any questions feel free to call me at (919) 707-8163.

Sincerely,

Matt A. Wegner
Environmental Engineer
Department of Environment and Natural Resources
Division of Waste Management - Underground Storage Tank Section
(919) 707-8163

cc: Ruth Strauss