



Evaluation of the Fafnir
Volumetric Tank Tightness Testing Method
for 0.1 gal/h Leak Detection of
Underground Storage Tanks
up to 20,000 Gallons in Volume

Final Report

PREPARED FOR
FAFNIR GmbH

October 29, 2009



Ken Wilcox Associates, Inc.
1125 Valley Ridge Drive, Grain Valley, MO 64029, USA
Voice (816) 443-2494, Fax (816) 443-2495
E-mail kwilcox@kwaleak.com, Web <http://www.kwaleak.com>

Evaluation of the Fafnir
Volumetric Tank Tightness Testing Method
for 0.1 gal/h Leak Detection of
Underground Storage Tanks
up to 20,000 Gallons in Volume

Final Report

PREPARED FOR
FAFNIR GmbH
Bahrenfelder Str. 19
22765 Hamburg
Germany

October 29, 2009

Preface

This report describes a third-party evaluation of Fafnir Volumetric Tank Tightness Testing Method with the FAFNIR VISY-X System. The evaluation was conducted by Ken Wilcox Associates, Inc. at the Fuels Management Research Center in Grain Valley, Missouri. The forms contained in this report are based on data collected using the EPA protocol "Standard Test Procedures for Evaluating Leak Detection Methods: Volumetric Tank Tightness Testing Methods", EPA/530/UST-90/004, March 1990. The evaluation meets the requirements of the U.S. Environmental Protection Agency for Volumetric Tank Tightness Testing Methods for underground storage tanks up to 20,000 gallons in volume.

This Final Report contains the Test Data and results. The standard reporting forms are attached as Attachment A. This report was prepared by Dr. J. D. Flora, Jr., Ken Wilcox Associates, Inc. Technical questions regarding this evaluation should be directed to

FAFNIR GmbH
Bahrenfelder Str. 19
22765 Hamburg
Germany

Web: www.fafnir.com
Phone: +4940398207-0
Fax: +49403906339

Jürgen Swarat
Product Manager VISY-X

Juergen.swarat@fafnir.de
+4940398207-74

KEN WILCOX ASSOCIATES, INC.

Approved:



H. Kendall Wilcox, Ph.D.
President

October 29, 2009