



TUF-TITE RISER ASSEMBLY COMPLIES WITH THE REQUIREMENTS OF IAPMO PS 1 – 2003a

Certification Statement: This statement is to certify that all testing was performed under direct supervision of the laboratory at NSF International, World Headquarters, Ann Arbor, MI.

Test Date: 10/27/03
Issuance Date: 11/13/03
Revision Date: N/A

Name and address of the testing laboratory:

NSF International
789 Dixboro Road
P.O. Box 130140
Ann Arbor, MI 48113-0140
Ph: 734-769-8010
Fx: 734-769-0109

NSF International Report for Job: JOB #513814-03

Name and address of individual or company for whom the testing is being performed:

TUF-TITE
Attn.: Mr. Ted Myers
500 Capital Drive
Lake Zurich, IL 60047

Name and address of manufacturer and/or source of the product tested:

Same as above

Source: Client



Complete description of product or material being tested:

Septic Tank Riser Assembly (riser and lid).

Plant at: Lake Zurich, IL 60047

If collected by an auditor:

Collected by: N/A on N/A

IAPMO File Number: N/A

Sample received at laboratory on: Testing performed at manufacturer's facility.

Was the sample picked up during an IAPMO R&T inspection? No

Did the sample appear to have been tampered with before arriving at the testing laboratory? N/A

Scope or purpose of the testing: Evaluation and testing was conducted to determine compliance of TUF-TITE Riser against the requirements of IAPMO PS-1 (2003a)

Complete identification of the primary standard or standards used as the source of the testing requirements. Include the year of each standard:

IAPMO PS-1 (2003a)

Complete listing of the sections of the standard actually used for the testing & the actual test results referenced to the appropriate sections of the standard.

4. General Requirements:

Parameter	Section	Pass/Fail
Riser evaluation	Section 4.7.3	PASS

The riser is constructed of type III HDPE. Riser to riser connections are made of stainless steel fasteners installed on the outside of the riser assembly. Riser to riser joints are sealed with a butyl gasket meeting ASTM C990. The riser lid is sealed with a factory installed polyurethane gasket.

6. Checking and testing:

Parameter	Section	Pass/Fail
Riser cycle Test	Section 6	PASS

The riser lid was secure to the riser assembly according to manufacturer's instructions and removed. This process was repeated 20 times followed by the inspection of the polyurethane gasket. No cracking or deformation was present at the end of the cycles.

Riser Vacuum Test	Section 7	PASS
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The riser was subjected to a vacuum of 7.5 inches Hg for a period of 10 minutes.

No loss of vacuum and no side-wall or lid deflection was noted



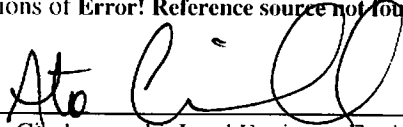
Also include a separate statement indicating whether or not the test sample complied with each of the requirements of the standard.

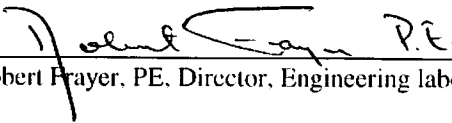
The test sample does comply with each of the requirements of the standard.

Below are the original signatures of the person conducting the tests and the responsible person in charge.

The product complied with all listed sections of **Error! Reference source not found.**

Testing Conducted By:

Lab Staff:  Date: 11/13/03
Ata Ciechanowski, Lead Engineer, Engineering laboratory

Supervisor:  P.E. Date: 11/13/03
Robert Prayer, PE, Director, Engineering laboratory

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