



## TEST REPORT

RECEIVED MAR 04 2003

Send To 0E150  
TUF-TITE INC  
500 CAPITAL DRIVE  
LAKE ZURICH IL 60047  
Attn: MR. TED MEYERS

Customer 0E150  
TUF-TITE INC  
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LAKE ZURICH IL 60047  
Attn: MR. TED MEYERS

Plant 0E150  
TUF-TITE INC  
500 CAPITAL DRIVE  
LAKE ZURICH IL 60047  
Attn: MR. TED MEYERS

Product: Effluent Filter Testing  
Test Type: QQ - Qualification Testing

The enclosed report details the results of the testing performed by NSF on your product(s). Your program representative will contact you if there are any remaining issues concerning the evaluation/certification of this product.

Please contact your representative if you have any questions. We thank you for having your product(s) tested by NSF.

Reviewer: Salah Aridi  
Salah Aridi - Lead Engineer

Status: Pass

CC: 060 - Wastewater Treatment Devices  
Adriana Greco  
01 - Domestic

PA Project: 59331  
PA Job: NA

F20030226135254-1

Report for Job 509759-03

Page 1 of 4

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Project #:  
Region:  
NSF Field Representative:

060  
01  
Adriana Greco

**Lab Number:**

**S301276936**

**Description:**

Effluent Filter Testing

**Sampled:**

JAN 16, 2003

**Received:**

JAN 21, 2003

**Listing Status:**

Qualification Testing

**NSF Standard:**

46

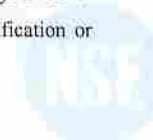
Parameter	Result	Units	Entered	P/F
Bypass Protection				
Test ambient temperature:	68	degrees F	26-FEB-03	
Test water temperature:	60	degrees F	26-FEB-03	
Continuous operation:	8	hrs/day	26-FEB-03	
Test duration:	2	days	26-FEB-03	
PS spheres found downstream of filter:	0	spheres	26-FEB-03	
Cracking, collapse or perm. deformation?	None		26-FEB-03	
Filter remained in normal position?	Yes		26-FEB-03	
Bypass Protection test:	Pass		26-FEB-03	
Flow Test for Clean Filter				
Test ambient temperature:	68	degrees F	24-FEB-03	
Test water temperature:	65	degrees F	24-FEB-03	
Initial water level:	35	inches	24-FEB-03	
Test flow rate:	11	gpm	24-FEB-03	
Final water level:	37	inches	24-FEB-03	
Rise in water level:	2	inches	24-FEB-03	
Required max. rise in water level:	2	inches	24-FEB-03	
Cracking, collapse or perm. deformation?	No		24-FEB-03	
Filter remained in normal position?	Yes		24-FEB-03	
Flow test for clean filter:	Pass		24-FEB-03	
Flow Test for Partially Clogged Filter				
Test ambient temperature:	68	degrees F	24-FEB-03	
Test water temperature:	65	degrees F	24-FEB-03	
Initial water level:	35	inches	24-FEB-03	
Test flow rate:	5	gpm	24-FEB-03	
Final water level:	37	inches	24-FEB-03	
Rise in water level:	2	inches	24-FEB-03	
Required max. rise in water level:	2	inches	24-FEB-03	
Cracking, collapse or perm. deformation?	No		24-FEB-03	
Filter remained in normal position?	Yes		24-FEB-03	
Flow test for partially clogged filter:	Pass		24-FEB-03	
Solids Reduction				
Test ambient temperature:	68	degrees F	24-FEB-03	
Test water temperature:	60	degrees F	24-FEB-03	
Water flow rate:	11	gpm	24-FEB-03	
Continuous operation:	24	hrs/day	24-FEB-03	
Test duration:	56	hours	24-FEB-03	
PS spheres found downstream of filter:	0	spheres	24-FEB-03	
Cracking, collapse or perm. deformation?	None		24-FEB-03	
Filter remained in normal position?	Yes		24-FEB-03	

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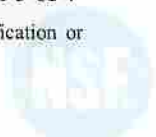
Report for Job 509759-03

Page 2 of 4

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Parameter	Result	Units	Entered	P/F
Solids Reduction test:	Pass		24-FEB-03	
Structural Integrity, 100% clogged with 12-inch hydrostatic head				
Test ambient temperature:	68	degrees F	26-FEB-03	
Test water temperature:	60	degrees F	26-FEB-03	
Water level above bottom of outlet:	12	inches	26-FEB-03	
Test duration:	16	hours	26-FEB-03	
Cracking, collapse or perm. deformation?	None		26-FEB-03	
Filter remained in normal position?	Yes		26-FEB-03	
Structural Integrity 12" hydrostatic:	Pass		26-FEB-03	
Structural Integrity, without Water				
Test ambient temperature:	68	degrees F	24-FEB-03	
No. of disassembly/re-installations:	4		24-FEB-03	
Cracking, collapse or perm. deformation?	None		24-FEB-03	
Filter remained in normal position?	Yes		24-FEB-03	
Structural Integrity without water test:	Pass		24-FEB-03	
Structural Integrity, with water				
Test ambient temperature:	68	degrees F	24-FEB-03	
Test water temperature:	60	degrees F	24-FEB-03	
Water level:	37	inches	24-FEB-03	
No. of disassembly/re-installations:	4		24-FEB-03	
Cracking, collapse or perm. deformation?	None		24-FEB-03	
Filter remained in normal position?	Yes		24-FEB-03	
Structural Integrity with water test:	Pass		24-FEB-03	



References to Testing Procedures:

Parameter/Test Description

NSF Reference

Bypass Protection

- P523

Flow Test for Clean Filter

- P520A

Flow Test for Partially Clogged Filter

- P520B

Solids Reduction

- P522

Structural Integrity, 100% clogged with 12-inch hydrostatic head

- P521C

Structural Integrity, without Water

- P521A

Structural Integrity, with water

- P521B

ND = Not Detectable at Reporting Limit.

