

**TUBAL-CAIN
MARINE
SERVICES**



Vapor Tightness Test

Note: Test results are valid for (1) year from date of test!

Date:	<u>9/9/2016</u>	Official Number:	<u>1255568</u>
Vessel:	<u>SMI 10002</u>	Pressure Indicator:	<u>Manometer Method: 1 psi nitrogen</u>
Owner:	<u>Settoon Towing, LLC</u>	Testing Location:	<u>Tubal-Cain Marine Services Inc.</u>
Address:	<u>P.O. Box 279 Pierre Part, LA 70339</u>	Physical Address:	<u>8700 Old Yacht Club Rd Port Arthur, TX 77642</u>

TEST RESULTS

**** Barge is vapor tight if "Total Pressure Loss" is LESS than "Allowable Pressure Loss" ****

Test cargo tanks and related vapor system to <u>1 lb.</u>			
Beginning pressure:	<u>28</u> inches H2O	Time started:	<u>4:00 PM</u>
Ending pressure:	<u>27.75</u> inches H2O	Time completed:	<u>5:00 PM</u>
Total pressure loss:	<u>0.25</u> inches H2O	Allowable pressure loss:	<u>1</u>

The following barge was tested in accordance with the national emission standard for benzene emissions from benzene transfer operations, section 40 CFR 61.304 (f) and section 40 CFR 63.565 (c)

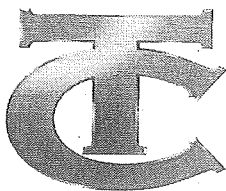
SIGNATURES

I credit that the tests contained herein were conducted in compliance with 46 CFR 35.35-70

Tester name:	<u>Harlan Yeps</u>
Tester signature:	<u>Harlan Yeps</u>
Witnessing inspector name:	<u>Jose Nava</u>
Witnessing inspector signature:	<u>Jose Nava</u>
Witnessing inspector affiliation:	<u>Tubal Cain Gas Free</u>

Tu'bal Cain (tu'bal-kan):

Tubal, the smith, the son of Lemech and his wife Zilah, who is described in Genesis 4:22 as fabricating every artifact of brass & iron



TUBAL-CAIN MARINE SERVICES



Cargo Piping Test Letter

Note: Test results are valid for (1) year from date of test!

Date:	9/9/2016	M.A.W.P.	125 PSI
Vessel:	SMI 10002	Method of Test:	HYDRO
Owner:	Settoon Towing, LLC	Testing Location:	Tubal-Cain Marine Services Inc.
Address:	P.O. Box 279 Pierre Part, LA 70339	Physical Address:	8700 Old Yacht Club Rd Port Arthur, TX 77642

TRANSFER SYSTEM TESTING DATA

*** Fill out completely. Write N/A on any non-applicable line. ***

Date:	Barge Piping:	Results	Note:
9/9/2016	Cargo piping & valves	188.5 p.s.i	
9/9/2016	Cargo pressure gauges	98 % accurate	
na	Steam System	125 p.s.i	

Note: Test each pressure gauges annually, accurate within 10 percent. Test each remote controlled operating or indicating equipment such as remotely operated valve, tank alarm, or emergency shutdown device. 33 CFR 156.170(c)(2) & 46 CFR 35.35-70(b)

SIGNATURES

I credit that the tests contained herein were conducted in compliance with 33 CFR 156.170, 46 CFR 35.35-70.

Tester name: <i>Marcia Lopez</i>
Tester signature: <i>Marcia Lopez</i>

Tu'bal Cain (tu'bal-kan):

Tubal, the smith, the son of Lemech and his wife Zilah, who is described in Genesis 4:22 as fabricating every artifact of brass & iron