



**TUBAL-CAIN
MARINE
SERVICES**



Cargo Piping Test Letter

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

Date:	<u>5/23/2019</u>	M.A.W.P.	<u>125 PSI</u>
Vessel:	<u>Gonsoulin 501</u>	Method of Test:	<u>Nitrogen Test</u>
Owner:	<u>Lebeouf Towing</u>	Testing Location:	<u>Tubal-Cain Marine Services Inc.</u>
Address:	<u>P.O. Box 9036</u> <u>Hauma, LA. 70361</u>	Physical Address:	<u>7951 Dock Board Rd</u> <u>Sulphur, LA 70665</u>

TRANSFER SYSTEM TESTING DATA

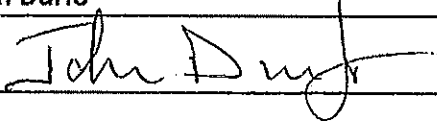
**** Fill out completely. Write N/A on any non-applicable line. ****

Date:	Barge Piping:	Results	Note:
<u>5/23/2019</u>	<u>Cargo piping & valves</u>	<u>188.5</u> p.s.i	
<u>5/23/2019</u>	<u>Cargo pressure gauges</u>	<u>98</u> % accurate	
<u>N/A</u>	<u>Stripping system</u>	<u>125</u> 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: <u>John Durio</u>
Tester signature: 

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

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



TUBAL-CAIN MARINE SERVICES



Vapor Tightness Test

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

Date: <u>5/23/2019</u>	Official Number: <u>1210940</u>
Vessel: <u>Gonsoulin 501</u>	Pressure Indicator: <u>Manometer Method: 1 psi NITROGEN</u>
Owner: <u>Lebeouf Towing</u>	Testing Location: <u>Tubal-Cain Marine Services Inc.</u>
Address: <u>P.O. Box 9036</u> <u>Hauma, LA 70361</u>	Physical Address: <u>7951 Dock Board Rd</u> <u>Sulphur, LA 70665</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>15:00</u>
Ending pressure:	<u>27.5</u>	Inches H2O	Time completed: <u>16:00</u>
Total pressure loss:	<u>0.5</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>Luis Marroquin</u>
Tester signature: <u>Luis Marroquin</u>
Witnessing inspector name: <u>John Durio</u>
Witnessing inspector signature: <u>John Durio</u>
Witnessing inspector affiliation: <u>Tubal-Cain Marine Services Project Manager</u>

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

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



TUBAL-CAIN MARINE SERVICES



Cargo Hose Test Letter

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

Date:	<u>5/23/2019</u>	Nitrogen test
Vessel:	<u>Gonsoulin 501 / 502</u>	
Owner:	<u>Lebeouf Towing</u>	Testing Location: <u>Tubal-Cain Marine Services Inc.</u>
Address:	<u>P.O. Box 9036</u> <u>Hauma, LA. 70361</u>	Physical Address: <u>7951 Dock Board Rd</u> <u>Sulphur, LA 70665</u>

TRANSFER SYSTEM TESTING DATA

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

ID NUMBER <u>CHTX 20203</u> <u>MFG date - 5/1/19</u>	Date:	Cargo Hose:	Results
	<u>5/23/2019</u>	<u>Cargo hose test</u>	<u>225</u> p.s.i
	<u>N/A</u>	<u>Cargo pressure gauge</u>	<u>N/A</u> % accurate
	_____	_____	_____

Note: Test each pressure gauges annually, accurate within 10 percent.

SIGNATURES

I credit that the tests contained herein were conducted in compliance with 33 CFR 156.170 (a)

Tester name: <u>John Durio</u>
Tester signature: <u>John Durio</u>

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

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



TUBAL-CAIN MARINE SERVICES



Vapor Hose Test Letter

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

Date:	<u>5/23/2019</u>	Nitrogen test
Vessel:	<u>Gonsoulin 501</u>	
Owner:	<u>Lebeouf Towing</u>	Testing Location: <u>Tubal-Cain Marine Services Inc.</u>
Address:	<u>P.O. Box 9036</u> <u>Hauma, LA. 70361</u>	Physical Address: <u>7951 Dock Board Rd</u> <u>Sulphur, LA 70665</u>

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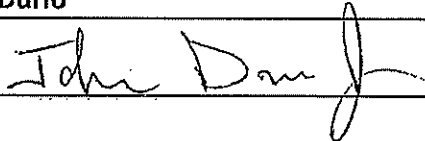
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ID NUMBER	NCO 3371	Date:	Vapor Hose:	Results
		<u>5/23/2019</u>	Vapor hose test	<u>125</u> p.s.i
		<u>N/A</u>	Vapor pressure gauge	<u>N/A</u> % accurate

Note: Test each pressure gauges annually, accurate within 10 percent.

SIGNATURES

I credit that the tests contained herein were conducted in compliance with 33 CFR 156.170 (a)

Tester name: John Durio
Tester signature: 

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

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