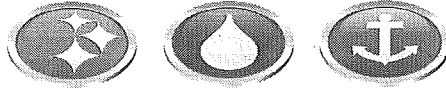


TUBAL-CAIN MARINE SERVICES



Vapor Tightness Test

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

Date: <u>2/20/2019</u>	Official Number: <u>1151267</u>
Vessel: <u>GBL 1030</u>	Pressure Indicator: <u>Manometer Method: 1 psi air</u>
Owner: <u>Golding Marine LLC</u>	Testing Location: <u>Tubal-Cain Marine Services Inc.</u>
Address: <u>101 Lee St</u> <u>Vicksburg, MS 39180</u>	Physical Address: <u>8700 Old Yacht Club Rd</u> <u>Port Arthur, TX 77642</u>

TEST RESULTS


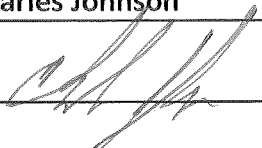
**** Barge is vapor tight if "Total Pressure Loss" is LESS than "Allowable Pressure Loss" ****

Test cargo tanks and related vapor system to <u>1 lb.</u>			
Beginning pressure: <u>28</u> inches H2O	Time started: <u>7:00 a.m.</u>		
Ending pressure: <u>27.75</u> inches H2O	Time completed: <u>8:00 a.m.</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>Ryan Moreau</u>
Tester signature: 
Witnessing inspector name: <u>Charles Johnson</u>
Witnessing inspector signature: 
Witnessing inspector affiliation: <u>Tubal Cain Project Manager</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



16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2555-SO
Barge Name GBL 1030

Shop Order & Test Report

Customer: Golding Barge Line Order # _____

Make Midland Size 2.5" Model # A 825

Serial # LV-2555-1 Inlet 2.5" FNPT Outlet N/A

Construction: P/V Cap: N/A

Set Pressure: 3.0 psi pressure & 0.5 psi vacuum

Tag: _____ Orifice: N/A

Work Required: Complete Overhaul Test Air _____

Condition Received: Need Repair

General Condition Pre-repair

Inlet	<u>Dirty</u>	Spring	<u>Good Cond.</u>
Seats	<u>Dirty</u>	Work	<u>ST</u>
Guide	<u>Dirty</u>	Repairs	<u>Lapped Seats</u>
Outlet	<u>Dirty</u>		

Installed viton quad rings

Parts replaced and other work: _____

Final Test Report

Date 1/19/2019

Set Pressure 3.0 psi pressure & 0.5 psi vacuum

Nozzle Ring Setting N/A

Back Pressure N/A

Tested By: Eduardo R Perez Witnessed By: Bobby Davis

U.S. Coast Guard Witness _____



16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2555-SO
Barge Name GBL 1030

Shop Order & Test Report

Customer:	Golding Barge Line		Order #	
Make	Midland	Size	2.5"	Model # A 825
Serial #	G606T	Inlet	2.5" FNPT	Outlet N/A
Constrution:	P/V	Cap:	N/A	
Set Pressure:	3.0 psi pressure & 0.5 psi vacuum			
Tag:		Orifice:	N/A	
Work Required:	Complete Overhaul	Test Air		
Condition Received:	Need Repair			

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats
Outlet	Dirty		

Installed viton quad rings

Parts replaced and other work:

Final Test Report

Date	1/19/2019		
Set Pressure	3.0 psi pressure & 0.5 psi vacuum		
Nozzle Ring Setting	N/A		
Back Pressure	N/A		
Tested By:	<i>Eduardo R Perez</i>	Witnessed By:	<i>Bobby Davis</i>

U.S. Coast Guard Witness _____



16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2555-SO
Barge Name GBL 1030

Shop Order & Test Report

Customer: Golding Barge Line Order #

Make ERL Size 6" Model # Superac II

Serial # 2074 Inlet 6" 150 Outlet N/A

Constrution: P/V Cap: N/A

Set Pressure: 3.0 psi pressure & 3.0 psi vacuum

Location: Orifice: N/A

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

General Condition Pre-repair

Inlet	<u>Dirty</u>	Spring	<u>N/A</u>
Seats	<u>Dirty</u>	Work	<u>ST</u>
Guide	<u>Dirty</u>	Repairs	<u>Lapped Seats</u>
Outlet	<u>Dirty</u>		

Parts replaced and other work: See attached parts list

Final Test Report

Date 1/19/2019

Set Pressure 3.0 psi pressure & 3.0 psi vacuum

Nozzle Ring Setting N/A

Back Pressure N/A

Tested By: Joe Ramirez

Witnessed By: Bobby Davis

U.S. Coast Guard Witness