

 Midwest Tank Testing AN ENVIRONMENTAL COMPLIANCE COMPANY 316 W. Indiana Ave. Chesterton, IN 46304		AUTOMATIC TANK GAUGE		DATE AND TIME		7/24/23 - 10:45-12:30		
		(ATG) FUNCTIONALITY		WEATHER		70 Cloudy		
		DATA SHEET		COLLECT/INVOICE		Collected		
				CLIENT E-MAIL				
Testing Company Information								
Test Location Information				Certifications		Name		Midwest Tank Testing
PC # and WO #		Estabrooks: 82-1906		Address		316 W. Indiana Ave.		
Name and FID #	Phillips 66 - FID #264	ICC: 10221928		City/State/Zip		Chesterton, IN 46304		
Address	1606 Cassopolis Rd.	Indiana: UC 110386		Phone		800-975-1436		
City/State/Zip	Elkhart, IN 46514	CP/STI: 16655		Technician Information				
Contact				Name		Chris Zell		
Phone				Email		support@midwesttanktesting.com		
AUTOMATIC TANK GAUGE (ATG) FUNCTIONALITY TEST								
This procedure is to determine whether the automatic tank gauge (ATG) is operating properly. See PEI/RP1200 Section 8.2 for the inspection procedure. This procedure is applicable to tank level monitor stems that touch the bottom of the tank when in place.								
ATG Brand & Model	TLS 350							
Tank #	1	2	3	4				
Product Stored	Regular	Premium	Diesel	Kero				
Tank Volume (gallons)	12k	19k	19k	6k				
Tank Diameter (inches)	96	96	96	96				
Calculated 90% Level (inches)	81	81	81	81				
1. After removing the ATG from the tank, it has been inspected and any damaged or missing parts replaced? (Yes/No)	Yes	Yes	Yes	Yes				
2. Float moves freely on the stem without binding? (Yes/No)	Yes	Yes	Yes	Yes				
3. Fuel float level agrees with the value programmed into the console? (Yes/No)	Yes	Yes	Yes	Yes				
4. Water float level agrees with the value programmed into the console? (Yes/No)	Yes	Yes	Yes	Yes				
5. Inch level from bottom of stem when 90% alarm is triggered.	81	81	81	81				
6. Inch level at which the overfill alarm activates corresponds with value programmed in the gauge? (Yes/No)	Yes	Yes	Yes	Yes				
7. Inch level from the bottom when the water float first triggers an alarm.	2	2	2	2				
8. Inch level at which the water float alarm activates corresponds with value programmed in the gauge? (Yes/No)	Yes	Yes	Yes	Yes				
If any answers in Lines 1,2,3 or 4 are "No," the system has failed the test.								
Test Results (Pass/Fail)	Pass	Pass	Pass	Pass				
Comments								



INDIANA HOMELAND SECURITY



Underground Storage Tank

CHRIS ZELL
316 W INDIANA AVE
CHESTERTON, INDIANA

STATE/PERMIT #
UC111987

ISSUE
12/29/2022

EFFECTIVE
12/30/2022

EXPIRATION
12/29/2024

DISCIPLINES

☒ Installation or Retrofitting

☐ Decommissioning Closure

☐ Cathodic Protection

☐ Decommissioning Removal

☐ Testing

The attached testing was completed at this site by an IDHS certified technician.

Technician's Signature: _____

Chris Zell


Midwest Tank Testing
AN ENVIRONMENTAL COMPLIANCE COMPANY

316 W. Indiana Ave.
Chesterton, IN 46304
(800) 975-1436

Serving the Midwest Since 1990

T 3:DIESEL
 PRODUCT CODE : 3
 THERMAL COEFF : .000700
 TANK DIAMETER : 96.00
 TANK PROFILE : 1 PT
 FULL VOL : 10177

CASSOPOLIS QUIK MART
 1606CASSOPOLIS ST
 ELKHART IN 46514
 574.327.6685

JUL 24, 2023 10:43

SYSTEM STATUS REPORT
 T 3:LOW PRODUCT ALARM
 T 3:INVALID FUEL LEVEL
 T 4:LOW PRODUCT ALARM

INVENTORY REPORT
 T 1:REG UNLEADED 1
 VOLUME = 2556 GALS
 ULLAGE = 9633 GALS
 90% ULLAGE= 8414 GALS
 TC VOLUME = 2537 GALS
 STK HEIGHT= 25.23 INCHES
 WATER VOL = 10 GALS
 WATER = 0.63 INCHES
 TEMP = 70.1 DEG F

T 2:PREMIUM
 VOLUME = 1484 GALS
 ULLAGE = 8693 GALS
 90% ULLAGE= 7675 GALS
 TC VOLUME = 1475 GALS
 HEIGHT = 19.52 INCHES
 STK HEIGHT= 21.02 INCHES
 WATER VOL = 0.00 INCHES
 WATER = 0.00 INCHES
 TEMP = 68.4 DEG F

T 3:DIESEL
 T 3:INVALID FUEL LEVEL
 VOL INVALID = 633 GALS
 ULLAGE = 9514 GALS
 90% ULLAGE= 8496 GALS
 TC VOLUME = 656 GALS
 HGT INVALID 11.18 INCHES
 STK HEIGHT= 13.18 INCHES
 WATER VOL = 0 GALS
 WATER = 0.00 INCHES
 TEMP = 72.2 DEG F

T 4:KEROSENE
 VOLUME = 167 GALS
 ULLAGE = 5833 GALS
 90% ULLAGE= 5233 GALS
 TC VOLUME = 165 GALS
 HEIGHT = 6.27 INCHES
 STK HEIGHT= 7.27 INCHES
 WATER VOL = 23 GALS
 WATER = 1.68 INCHES
 TEMP = 68.1 DEG F

***** END *****

SYSTEM SETUP
 JUL 24, 2023 10:43

SYSTEM UNITS
 U.S.
 SYSTEM LANGUAGE
 ENGLISH
 SYSTEM DATE-TIME FORMAT
 MON DD YYYY HH:MM:SS
 CASSOPOLIS QUIK MART
 1606CASSOPOLIS ST
 ELKHART IN 46514
 574.327.6685

SHIFT TIME 1 : 6:00 PM
 SHIFT TIME 2 : DISABLED
 SHIFT TIME 3 : DISABLED
 SHIFT TIME 4 : DISABLED

TANK PER TST NEEDED WRN
 DISABLED
 TANK ANN TST NEEDED WRN
 DISABLED
 LINE RE-ENABLE METHOD
 PASS LINE TEST
 LINE PER TST NEEDED WRN
 DISABLED
 LINE ANN TST NEEDED WRN
 DISABLED
 PRINT TO VOLUMES
 ENABLED
 TEMP COMPENSATION
 VALUE (DEG F) : 60.0
 STICK HEIGHT OFFSET
 ENABLED
 PRECISION TEST DURATION
 HOURS: 100
 0.20 GPH LINE TEST
 AUTO-CONFIRM: ENABLED
 0.10 GPH LINE TEST
 AUTO-CONFIRM: ENABLED
 PRINT PRECISION LINE
 TEST RESULTS: ENABLED
 DAYLIGHT SAVING TIME
 ENABLED
 START DATE
 WEEK 1 SUN
 START TIME
 2:00 AM
 END DATE
 WEEK 6 SUN
 END TIME
 2:00 AM

SYSTEM SECURITY
 CODE : 000000

TANK CHART SECURITY
 DISABLED

CUSTOM ALARMS
 DISABLED

MASS/DENSITY
 DISABLED

COMMUNICATIONS SETUP

PORT SETTINGS:
 NONE FOUND

RS-232 END OF MESSAGE
 DISABLED

IN-TANK SETUP

T 1:REG UNLEADED 1
 PRODUCT CODE : 1
 THERMAL COEFF : .000700
 TANK DIAMETER : 96.00
 TANK PROFILE : 1 PT
 FULL VOL : 12189

FLOAT SIZE: 3.0 IN.
 WATER WARNING : 2.0
 HIGH WATER LIMIT: 2.5
 MAX OR LABEL VOL: 12189
 OVERFILL LIMIT : 95%
 HIGH PRODUCT : 90%
 DELIVERY LIMIT : 15%
 1828

LOW PRODUCT : 1200
 LEAK ALARM LIMIT: 99
 SUDDEN LOSS LIMIT: 99
 TANK TILT : 0.00
 PROBE OFFSET : 0.00

SIPHON MANIFOLDED TANKS
 TH: NONE
 LINE MANIFOLDED TANKS
 TH: NONE

LEAK MIN PERIODIC: 15%
 : 1828
 LEAK MIN ANNUAL : 15%
 : 1828

PERIODIC TEST TYPE
 STANDARD
 ANNUAL TEST FAIL
 ALARM DISABLED
 PERIODIC TEST FAIL
 ALARM DISABLED
 GROSS TEST FAIL
 ALARM DISABLED
 ANN TEST AVERAGING: OFF
 PER TEST AVERAGING: OFF
 TANK TEST NOTIFY: OFF
 TNK TST SIPHON BREAK:OFF
 DELIVERY DELAY : 1 MIN
 STICK OFFSET : 0.00
 PUMP THRESHOLD : 10.00%

T 2:PREMIUM
 PRODUCT CODE : 1
 THERMAL COEFF : .000700
 TANK DIAMETER : 96.00
 TANK PROFILE : 1 PT
 FULL VOL : 10177

FLOAT SIZE: 3.0 IN.
 WATER WARNING : 2.0
 HIGH WATER LIMIT: 2.5
 MAX OR LABEL VOL: 10177
 OVERFILL LIMIT : 95%
 HIGH PRODUCT : 90%
 DELIVERY LIMIT : 1%
 101

LOW PRODUCT : 750
 LEAK ALARM LIMIT: 99
 SUDDEN LOSS LIMIT: 99
 TANK TILT : 0.00
 PROBE OFFSET : 1.00

SIPHON MANIFOLDED TANKS
 TH: NONE
 LINE MANIFOLDED TANKS
 TH: NONE

LEAK MIN PERIODIC: 15%
 : 1526
 LEAK MIN ANNUAL : 15%
 : 1526

PERIODIC TEST TYPE
 STANDARD
 ANNUAL TEST FAIL
 ALARM DISABLED
 PERIODIC TEST FAIL
 ALARM DISABLED
 GROSS TEST FAIL
 ALARM DISABLED
 ANN TEST AVERAGING: OFF
 PER TEST AVERAGING: OFF
 TANK TEST NOTIFY: OFF
 TNK TST SIPHON BREAK:OFF
 DELIVERY DELAY : 1 MIN
 STICK OFFSET : 1.50
 PUMP THRESHOLD : 10.00%

CASSOPOLIS QUIK MART
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JUL 24, 2023 11:09

SYSTEM STATUS REPORT
 T 3:LOW PRODUCT ALARM
 T 3:INVALID FUEL LEVEL
 T 4:LOW PRODUCT ALARM
 Q 3:GROSS LINE FAIL
 Q 3:PLLD SHUTDOWN ALARM

PRESSURE LINE LEAK ALARM
 Q 2:PREMIUM
 PLLD SHUTDOWN ALARM
 JUL 24, 2023 11:13

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JUL 24, 2023 11:13

SYSTEM STATUS REPORT
 T 3:LOW PRODUCT ALARM
 T 3:INVALID FUEL LEVEL
 T 4:LOW PRODUCT ALARM
 Q 2:GROSS LINE FAIL
 Q 3:GROSS LINE FAIL
 Q 3:PLLD SHUTDOWN ALARM

PRESSURE LINE LEAK ALARM
 Q 2:PREMIUM
 PLLD SHUTDOWN ALARM
 JUL 24, 2023 11:13

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JUL 24, 2023 11:13

SYSTEM STATUS REPORT
 T 3:LOW PRODUCT ALARM
 T 3:INVALID FUEL LEVEL
 T 4:LOW PRODUCT ALARM
 Q 2:GROSS LINE FAIL
 Q 3:GROSS LINE FAIL
 Q 3:PLLD SHUTDOWN ALARM

PRESSURE LINE LEAK ALARM
 Q 1:REG UNLEADED 1
 GROSS LINE FAIL
 JUL 24, 2023 11:18

CASSOPOLIS QUIK MART
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 574.327.6685

JUL 24, 2023 11:18

SYSTEM STATUS REPORT
 T 3:LOW PRODUCT ALARM
 T 3:INVALID FUEL LEVEL
 T 4:LOW PRODUCT ALARM
 Q 1:GROSS LINE FAIL
 Q 1:PLLD SHUTDOWN ALARM
 Q 2:GROSS LINE FAIL
 Q 2:PLLD SHUTDOWN ALARM

PRESSURE LINE LEAK ALARM
 Q 1:REG UNLEADED 1
 FUEL OUT
 JUL 24, 2023 11:22

CASSOPOLIS QUIK MART
 1606CASSOPOLIS ST
 ELKHART IN 46514
 574.327.6685

JUL 24, 2023 11:22

SYSTEM STATUS REPORT
 T 3:LOW PRODUCT ALARM
 T 3:INVALID FUEL LEVEL
 T 4:LOW PRODUCT ALARM
 Q 1:GROSS LINE FAIL
 Q 1:PLLD SHUTDOWN ALARM
 Q 4:FUEL OUT

PRESSURE LINE LEAK ALARM
 Q 4:KEROSENE
 PLLD SHUTDOWN ALARM
 JUL 24, 2023 11:27

CASSOPOLIS QUIK MART
 1606CASSOPOLIS ST
 ELKHART IN 46514
 574.327.6685

JUL 24, 2023 11:27

SYSTEM STATUS REPORT
 T 3:LOW PRODUCT ALARM
 T 3:INVALID FUEL LEVEL
 T 4:GROSS LINE FAIL
 Q 4:PLLD SHUTDOWN ALARM

CASSOPOLIS QUIK MART
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 ELKHART IN 46514
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JUL 24, 2023 11:27

SYSTEM STATUS REPORT
 T 3:LOW PRODUCT ALARM
 T 3:INVALID FUEL LEVEL
 T 4:GROSS LINE FAIL
 Q 4:PLLD SHUTDOWN ALARM

CASSOPOLIS QUIK MART