

April 2019							May 2019						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
31	1	2	3	4	5	6				1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30					26	27	28	29	30	31	1

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	Apr 1 ANJNAUL DEACTIV ANNAUL DIAL THEI ANNAUL DISPENSE ANNAUL DISPENSE +305	2 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	3 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	4 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	5 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	6 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22
7 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	8 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +27	9 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	10 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	11 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	12 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	13 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22
14 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	15 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +27	16 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	17 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	18 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	19 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	20 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22
21 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	22 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +27	23 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	24 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	25 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	26 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	27 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22
28 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	29 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +27	30 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	May 1 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +84	2 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	3 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22	4 AT EACH USE: Stear AT EACH USE: Ther DAILY Rope Sensor DAILY CNG STORA +22

April 2019

 Calendar

April 2019

S	M	T	W	T	F	S
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May 2019

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1

MONDAY, APRIL 01, 2019

4/1/2019 (All day) DAILY CNG STORAGE

A. Inspect CNG tubes and tanks for leaks. Inspection of high-pressure CNG lines and equipment must be conducted using proper PPE including but not limited to safety glasses, a face shield, hard hat and fire resistant clothing. If leaks are occurring, the odorizing agent in the gas should be detectable. Use a soap and water solution to spray on areas suspected of leaks. Systems that are found with leaks must be taken out of service and repaired

4/1/2019 (All day) QUARTERLY DISPENSER SUMPS

B. Inspect sump pipe transition fittings for tears, cracks, or other signs of deterioration. Check hose clamp seals to ensure they are securely tightened.

 4/1/2019 (All day) ANNUAL DEACTIVATED FUEL TANKS 

 4/1/2019 (All day) ANNUAL DIAL THERMOMETER 

 4/1/2019 (All day) ANNUAL DISPENSER METERS 


B. Since moving parts inside meters are subject to wear, periodic calibration is necessary. Meters must be recalibrated utilizing a certified 5 gallon (20 liter) prover can or other approved method. Meters are considered satisfactory for further operation when the error does not exceed $\pm 0.2\%$ of actual quantity delivered

 4/1/2019 (All day) ANNUAL DISPENSER NOZZLE 


 4/1/2019 (All day) ANNUAL DISPENSER STRAINERS 

A. Inspect and clean strainers. Inspect strainer cover gasket for cracks, distortion, and dry rot. If breaks are detected in strainer

mesh, replace the strainer

4/1/2019 (All day) ANNAUL EMERGENCY SHUTOFF VALVES 

4/1/2019 (All day) ANNAUL EMERGENCY VENTS 

4/1/2019 (All day) ANNAUL POINT SENSOR WET 


C. Test sensor and ensure it is functional

4/1/2019 (All day) ANNAULLY SERVO GAUGE 

G. Inspect stilling well to be straight and vertical with no dents so that the float can move freely.

H. Lubricate moving parts of the gauge head.

Annually

4/1/2019 (All day) ANNAULLY Vertical Turbine/Submerged Turbine Pumps 

G. Check alignment, clearances, and rotation of shaft and coupler (requires removal of coupler shroud or cover).


H. Lubricate pump bearings.

I. If equipped with lubricating oil charge, drain old oil, and fill with new oil to full mark on sight indicator (also fill bulb).


Annually

J. Refer to [Section 9-1.7 Electric Motors](#) for inspection and maintenance requirements of electric motors.

As require

4/1/2019 (All day) ANNUAL BOOM REEELS 

D. Inspect boom for wear, rips, and tears. Repair or replace as required to ensure containment of petroleum fuel in the event of a spill.

4/1/2019 (All day) ANNUAL DOUBLE WALL PIPING 

4/1/2019 (All day) ANNUAL ABOVEGOUND PIPING 

4/1/2019 (All day) ANNUAL ABOVEGROUND FIELD ERECTED TNAKS 

4/1/2019 (All day) ANNUAL ABOVEGROUND SHOPFABRICATED TNAKS


B. Annual External Inspection (Identified as P in Table 8-2): A more detailed examination of the tank and appurtenances must be performed on an annual basis (See Appendix E for an example of the STI SP001 Standard Annual Inspection Checklist

C. Formal External Inspection (Identified as E in Table 8-2): A

formal external inspection as defined in STI SP001 *Standard for the Inspection of Aboveground Storage Tanks* must be conducted by certified STI SP001 inspector.

D. Formal Internal Inspection (Identified as I in Table 8-2): A formal internal inspection as defined in STI SP001 *Standard for the Inspection of Aboveground Storage Tanks* must be performed by a certified STI SP001 inspector.

E. Leak Test (Identified as L in Table 8-2): A leak test as defined in STI SP001 *Standard for the Inspection of Aboveground Storage Tanks* must be performed in accordance with STI SP001 *Standard for the Inspection of Aboveground Storage Tanks*.

4/1/2019 (All day) ANNUAL AIR ELEMATOR TANKS 

4/1/2019 (All day) ANNUAL ALUMNINUM HONEYCOMB FLOATING PAN 

D. Inspect grounding cables for proper attachment and wear or binding.

E. Inspect all floating roof penetration seals, such as ladder seals, stilling well seals, and other seals to ensure that they are in good working condition.


At time of out of service internal inspection

F. Clean and inspect perimeter tank/pan seals.


AS REQUIRED

G. Refer to [Section 8-9.1.5 Floating Roof and Pan Pressure/Vacuum Vents](#) for inspection and maintenance requirements of floating pan pressure/vacuum vents.

H. Refer to [Section 8-9.1.6 Floating Roof and Pan Legs](#) for inspection and maintenance requirements of floating pan legs.


4/1/2019 (All day) ANNUAL AUTOMATIC AIR VENTS 

A. Check for proper operation of the automatic air vent. Ensure the vent opens to allow air to escape and ensure the float of the vent is buoyant in petroleum fuel and rises to close the vent when the float is suspended in petroleum fuel


4/1/2019 (All day) ANNUAL AUTOMATIC LINE LEAK DETECTOR 

B. Simulate a 3 gallons per hour leak at 10 pounds per square inch; the


automatic line leak detector must activate within one hour. A licensed and/or certified technician is required to test, troubleshoot, or calibrate for operation.

4/1/2019 (All day) ANNUAL CATHODIC PROTECTION 


B. Inspect cathodic protection systems in accordance with UFC 3-570-06 *Operation and Maintenance: Cathodic Protection Systems*

4/1/2019 (All day) ANNUAL CRANES AND HOIST 


B. Apply lubricant or grease to areas that require periodic greasing.
C. Military Services-specific, Host Nation, State, and/or Local regulations require cranes and hoists to be certified for operation. Follow the more stringent of Military Services-specific, Host Nation, State or Local regulations


4/1/2019 (All day) ANNUAL DEACTIVATED PIPELINES 

C. Inspect cathodic protection system for proper operation

4/1/2019 (All day) ANNUAL DEACTIVATED PUMPS 


C. Remove isolation flanges and recoat interior of pump with light corrosion-inhibiting oil.

4/1/2019 (All day) ANNUAL DEFERENTIAL PRESSURE GAUGES 


4/1/2019 (All day) ANNUAL DIFFERENTIAL PRESSURE TRANSMITTER 

H. Check that all wire connections inside enclosure are tight.
I. DPTs must be calibrated mechanically and electrically with test equipment and adjusted, if applicable. The presence of air in sensing lines of differential pressure transmitters is a common cause for failure. Conduct calibration check by comparing readings of the DPT with the readings of a certified differential master calibration gauge which has been calibrated within the last year. The DPT and the differential master calibration gauge must be connected to the same pressure source for testing. Verify accuracy of DPT is within $\pm 2\%$ of full scale. Calibrate in


accordance with manufacturer's
operation and maintenance
manual if required

4/1/2019 (All day) ANNUAL DISPENSER CABINETS 

C. Ensure door panels and locks
operate easily. Inspect anchor
bolts of cabinet to dispenser
island and ensure the bolts are in
good condition


4/1/2019 (All day) ANNUAL DISPENSER METERS 


B. Since moving parts inside meters
are subject to wear, periodic
calibration is necessary. Meters
must be recalibrated utilizing a
certified 5 gallon (20 liter) prover
can or other approved method.
Meters are considered satisfactory
for further operation when the
error does not exceed $\pm 0.2\%$ of
actual quantity delivered.

4/1/2019 (All day) ANNUAL DISPENSER SUMPS 


EVERY THREE YEARS
C. Test dispenser sumps and ensure
they are liquid tight by using
vacuum, pressure, or liquid testing
in accordance with 40 CFR 280,
Section 43.

4/1/2019 (All day) ANNUAL DISPENSER FILTERS 

4/1/2019 (All day) ANNUAL DOUBLE BLOCK AND BLEES VALVES 


4/1/2019 (All day) ANNUAL ELECTRIC EQUIPMENT 

4/1/2019 (All day) ANNUAL ELECTRIC MOTORS 


4/1/2019 (All day) ANNUAL EMERGENCY VENTS 


4/1/2019 (All day) ANNUAL EXTERNAL HIGH LEVEL SHOTFF VALVES 

4/1/2019 (All day) ANNUAL EYEWASH SHOWERS 


4/1/2019 (All day) ANNUAL FILL PORTS 

4/1/2019 (All day) ANNUAL FIRE VALVES 


4/1/2019 (All day) ANNUAL FLAME ARRESTORS 

4/1/2019 (All day) ANNUAL FLOATING ROOFS 

4/1/2019 (All day) ANNUAL FUEL ADDITIVE INJECTORS 

4/1/2019 (All day) ANNUAL FUEL LOADING HOSES 


- 4/1/2019 (All day) ANNUAL FUEL TRUCK CONTAINMENT AREA ☞
- 4/1/2019 (All day) ANNUAL Fusible Line Butterfly Valves ☞
- 4/1/2019 (All day) ANNUAL GEAR PUMPS ☞
- 4/1/2019 (All day) ANNUAL GEARBOXES ☞
 - E. Inspect gear alignment within gearbox.
 - F. Replace lubricant oil in accordance with manufacturer's specifications and recommendations.
- 4/1/2019 (All day) ANNUAL GEODESIC DOME ROOFS ☞
- 4/1/2019 (All day) ANNUAL Ground Vehicle Fuel Piping ☞
- 4/1/2019 (All day) ANNUAL INTERNAL HILSO VALVES ☞
- 4/1/2019 (All day) ANNUAL INTERNALLY MOUNTED LEVEL ALARMS ☞
- 4/1/2019 (All day) ANNUAL LIGHTING SURGE ARRESTORWS ☞
- 4/1/2019 (All day) ANNUAL LIGHTING ☞
- 4/1/2019 (All day) ANNUAL LIGHTING PROTECTION SYSTEMS ☞
 - A. Inspect air terminals to make sure they are securely attached to the roof of the building, canopy, or the piece of equipment. Check all connections between the air terminals and the grounding loop or grounding rods. Repair damaged or loose connections and perform continuity check after repairs.
- 4/1/2019 (All day) ANNUAL LIQUIFIED PETROLEUM TNAKS ☞
 - EVERY FIVE YEARS
 - C. Check settings of tank safety valves and calibrate if required
- 4/1/2019 (All day) ANNUAL Mechanically Operated Tape Gauge ☞
- 4/1/2019 (All day) ANNUAL NON DOT REGULATED ☞
 - B. Conduct line patrol in areas of underground petroleum fuel pipeline in accordance with [Section 6-1.7 Line Patrol](#) As required
 - C. Government operated interterminal petroleum fuel pipelines must follow the maintenance requirements listed in [Section 6-1.1.1 for On-Base Pipelines](#).


4/1/2019 (All day) ANNUAL PANEL BOARDS 

4/1/2019 (All day) ANNUAL Point Sensor – Pressure/ Vacuum 

B. Test vacuum sensor for proper operation

4/1/2019 (All day) ANNUAL POWER GROUNDING SYSTEMS 

4/1/2019 (All day) ANNUAL VERTICAL INLINE PUMPS 


4/1/2019 (All day) ANNUAL; General System Control Valves 


Annually for unfiltered systems and as required for filtered systems


B. Remove and clean strainer installed in the petroleum fuel supply line to the pilot and main valve diaphragm. This strainer is provided to prevent clogging of the orifice in the supply line. Clogging of the screen will cause malfunctioning of the valve


Every 10 years

C. Diaphragms must be removed and inspected for deterioration and breaks at the flexing joint. Damage is often caused by pipe scale, pipe tape, and thread sealant compound that collect above the diaphragm and become lodged between the diaphragm and bonnet of the valve. Damage may also be caused by a change of operational petroleum fuel type or grade (such as a change from JP-4 to JP-8).


4/1/2019 (All day) ANNUALLT STEEL FLOATING PAN 

4/1/2019 (All day) ANNUALLY ROPE SENSOR SYSTEM 

4/1/2019 (All day) ANNUALLY Miscellaneous Deactivated Components 

4/1/2019 (All day) ANNUALLY MOTOR CONTROLS 

4/1/2019 (All day) ANNUALLY Multi Point Mooring Systems 


4/1/2019 (All day) ANNUALLY OFFLOADING FUEL HOSES 

C. Conduct test of offloading fuel hose electrical resistivity as directed in NFPA 77 and API 2003.


4/1/2019 (All day) ANNUALLY OIL WATER SEPERATORS 


B. Drain, clean, and inspect the interior of the oil/water separator.

Ensure all divider plates and screens are in good working order. Replace or repair damaged components

4/1/2019 (All day) ANNUALLY POINT SENSOR DRY 


4/1/2019 (All day) ANNUALLY PONTOON FLOATING PAN 

4/1/2019 (All day) ANNUALLY POWER CABLES 

4/1/2019 (All day) ANNUALLY Pressure and Pressure/ Vacuum Gauges 

D. Conduct calibration check by comparing readings of the process gauge with the readings of a certified master calibration gauge which has been calibrated within the last year. The process gauge and the master calibration gauge must be connected to the same pressure source for testing. Verify accuracy of gauge is within $\pm 2\%$ of full scale. Calibrate gauge if required.

4/1/2019 (All day) ANNUALLY PRESSURE TRANSMITTER 


4/1/2019 (All day) ANNUALLY PUMP HOUSE FILTER BUILDINGS 


4/1/2019 (All day) ANNUALLY RECTANGULAR CONCRETE ENCASED TANKS 

A. Inspect the floor and containment curbs for cracks. Thoroughly clean cracks with a water spray or air jet. Seal cracks with a fuel resistant sealant.


Annually


B. Refer to *UFC 3-110-04 Roofing Maintenance and Repair* for inspection and maintenance requirements of pumphouse and filter building roof systems
As required

4/1/2019 (All day) ANNUALLY REMOTE SPILL CONTAINMENT 

4/1/2019 (All day) ANNUALLY SELF DIKED OR VAULTED TANKS 

4/1/2019 (All day) ANNUALLY SINAGE AND MARKINGS 

4/1/2019 (All day) ANNUALLY SINGLE POINT MOORING SYSTEMS 

4/1/2019 (All day) ANNUALLY STAGE I VAPOR RECOVERY 

C. Refer to [Section 7-11 Ground Vehicle Fuel Piping](#) for inspection and maintenance requirements of Stage I vapor recovery piping.
As required

4/1/2019 (All day) ANNUALLY STATIC GROUNDING SYSTEMS 

B. The connections to the grounding system must be surveyed and verified for continuity. If a connection is suspected to be loose, perform further testing. In some occasions it is more cost effective to replace the suspected connection instead of performing diagnostic tests.

Annually

C. Resistance measurement on static grounds: Measure static ground resistance of new and damaged ground rods. Static ground with a resistance greater than 10,000 ohms will be removed or replaced. Static ground mechanically damaged will be repaired and retested.

When observed to be physically damaged.

4/1/2019 (All day) ANNUALLY STEAM TYPE HEATING COILS 

4/1/2019 (All day) ANNUALLY TANK PRESURE VACUUM VENTS 

B. Inspect vent settings. Pressure and vacuum settings for pressure/vacuum vents are usually specified on the vent nameplate or in the manufacturer's manual for the vent.

C. Clean the pressure/vacuum vent. Information on the type of pressure/vacuum vent and procedures for the removal of covers, hoods and/or pallet removal and installation should be found in the manufacturer's operation and maintenance manual. Before removing the pallets, brush all accumulations from the protecting screens, the pallets, and all surfaces of the valve. Brush the screens from inside the valve so that dirt and other objects fall to the outer sides. Remove heavy loading weights prior to removing the pallet assembly. Remove deposits or foreign matter using reasonable care not to damage diaphragms or seats.

D. Inspect gaskets, seats, diaphragm, pallet stems and stem guides. Check all mating surfaces which must be free of nicks, cuts, cracks or deposits that might interfere with the proper seating or tightness of the valve. Test the

pallets to ensure they move freely up and down over the full range of travel.
Annually

4/1/2019 (All day) ANNUALLY TRANSITION PUMPS

4/1/2019 (All day) ANNUALLY Underground Field- Constructed Tanks

4/1/2019 (All day) ANNUALLY Underground Single-walled Shop- Fabricated Tanks

4/1/2019 (All day) ANNUALLY UNDERWATER HOSES

4/1/2019 (All day) ANNUALLY VENTILATION HOODS

4/1/2019 (All day) ANNUALLY SLIDING VANE PUMPS

4/1/2019 (All day) ANNUALLY ON BASE PIPELINES

4/1/2019 (All day) ANNUALLY SUBMERGED PIPING SYSTEMS

4/1/2019 (All day) ANNUALLY Thermal and Pressure Relief Valves

D. Verify thermal and pressure relief valve setting by consulting as-built and historical data.

E. Thermal and pressure relief valves must be validated for proper calibration by isolating the valve and using the test connection provided on the piping in conjunction with a hand pump and portable reservoir. The operating pressure must be checked against the set pressure listed on the stamped information plate attached to the valve. The operating pressure must be adjusted to the stamped set pressure if necessary.

Annually

4/1/2019 (All day) ANNUALLY Thermal Fluid Type Heating Coils

4/1/2019 (All day) ANNUALLY 24 MONTHS PRE FILTER VESSELS

4/1/2019 (All day) ANNUALLY Underground Doublewalled Shop- Fabricated Tanks


4/1/2019 (All day) ANNUAL CAR AND KEY LOCKS

A. Conduct operational check of card and key lock system and ensure that all features provided with the installed system are operational

4/1/2019 (All day) AT EACH USE: Steam Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank

temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/1/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/1/2019 (All day) BEFORE DURING ANNUALLY MARINE BULK TRANSFER HOSES

4/1/2019 (All day) DAILY Rope Sensor System 


4/1/2019 (All day) DAILY AUTOMATIC LINE LEAK DETECTOR

4/1/2019 (All day) DAILY BREAKAWAYS

A. Inspect breakaways for loose connections and signs of damage to poppets. Ensure breakaways are clean and free of fuel.

4/1/2019 (All day) DAILY CNG PIPING

4/1/2019 (All day) DAILY CNG STORAGE 

4/1/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

4/1/2019 (All day) DAILY Containment Systems 


4/1/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/1/2019 (All day) DAILY DISPENSER HOSES 

4/1/2019 (All day) DAILY Dispenser Nozzles 


4/1/2019 (All day) DAILY Earthen Dike Walls 


4/1/2019 (All day) DAILY FILL PORTS 

4/1/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure

measurements of filter separators
from readings taken during normal
operations. Investigate sudden
drops or spikes in differential
pressure measurement readings


4/1/2019 (All day) DAILY Flexible Membrane Liners 

4/1/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/1/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to
ensure the power is on, there are
no warning alarms or lights and a
liquid measurement is indicated
and the tank level reading appears
to be accurate

4/1/2019 (All day) DAILY Mechanical Tape Gauges 

4/1/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

4/1/2019 (All day) DAILY Point Sensor- Wet 


A. Ensure the monitoring panel
associated to the wet point
sensor(s) is powered on and no
alarms are present.

4/1/2019 (All day) DAILY Point Sensor - Dry 

4/1/2019 (All day) DAILY Pre-Filter Vessels 


4/1/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

A. Secondary containment structures
on self-diking or vaulted tanks
must be inspected visually for
integrity breaches with special
attention given to pipe
penetrations and interstitial drain
valves.

4/1/2019 (All day) DAILY SERVO GAUGE 

4/1/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around
pipe connection fittings and glass
seals. Also check glass for
indications of cracks

4/1/2019 (All day) DAILY SWIVELS 

A. Inspect swivel for loose
connections and signs of damage.
Ensure swivel rotates easily and is
clean and free of fuel.

4/1/2019 (All day) DIALY BASKET STRAINERS

A. Monitor and chart differential

pressure measurements of basket
strainers from readings taken
during normal operations
Investigate sudden drops or spikes
in differential pressure
measurement reading

4/1/2019 (All day) EVERY 2 MONTHS Cathodic Protection

4/1/2019 (All day) EVERY 36 MONTHS FILTER SEPERATORS

4/1/2019 (All day) MONTHLY GROUND VEHICLE FUEL PIPING

B. Visually inspect leak detection
systems installed on underground
piping. Inspections include line
leak detectors and leak detection
sensors installed in transition
sumps and dispenser sumps.
Perform leak testing on
pressurized underground piping
with installed leak detection
equipment and record results

4/1/2019 (All day) MONTHLY SINGLE POINT MOORING SYSTEM

4/1/2019 (All day) MONTHLY Aboveground Field-Erected Tanks

4/1/2019 (All day) MONTHLY Aboveground Shop Fabricated Tanks

4/1/2019 (All day) MONTHLY Breakaways

4/1/2019 (All day) MONTHLY CNG Dispenser Hoses

4/1/2019 (All day) MONTHLY Differential Pressure Gauges

4/1/2019 (All day) MONTHLY DISPENSER NOZZLES

B. Dispenser nozzle handles must be
inspected for an expiration date
established by the manufacturer.
Nozzles must be replaced before
the indicated expiration date

4/1/2019 (All day) MONTHLY DISPENSER SUMPS

A. Inspect for signs of water, fuel,
trash, and debris inside sumps.
Remove and properly dispose of
collected water, fuel, trash, and
debris. Visually inspect
penetration fittings. If fuel or water
is detected investigate the source
and repair

4/1/2019 (All day) MONTHLY Dispenser Cabinet

A. Inspect outside of cabinet and
ensure it is free of damage.
Inspect for fuel stains on the
concrete island around the cabinet
and on the outside of the cabinet.
Ensure the cabinet is free of dirt

and fuel.
B. Open both sides of the cabinet and inspect the inside of the cabinet. Ensure the inside of the cabinet and all of the components inside the cabinet are clean and free of fuel.

4/1/2019 (All day) MONTHLY Dispenser Filters 

4/1/2019 (All day) MONTHLY Dispenser Meters 

A. Inspect meter and ensure meter is clean and free of fuel. Ensure calibration mechanism is sealed.


4/1/2019 (All day) MONTHLY DOUBLE WALL PIPING 

A. Conduct petroleum fuel pipeline visual inspection of aboveground piping in accordance with [Section 6-1.5 Pipeline Visual Inspection](#)


4/1/2019 (All day) MONTHLY EARTHEN DIKE WALLS 

4/1/2019 (All day) MONTHLY EMERGENCY EYEWASH SHOWERS 

B. Inspect portable/package safety showers and eyewash stations for proper operation. Check fluid levels. Where tap water is used, fluid must be replaced monthly. Less frequent intervals of fluid change, as recommended by the manufacturer, are acceptable where a solution or water additive is used. Ensure packaged eyewash supplies are within the listed expiration date. Tags or labels must be attached to the unit or adjacent to it, indicating the fluid change schedule

4/1/2019 (All day) MONTHLY EMERGENCY SHUTOFF VALVES 

A. Inspect stabilizer bar to ensure that it is securely mounted below the base of the dispenser. Inspect the mounting bolts that secure the emergency shutoff valve to the stabilizer bar.
B. Inspect fusible link and ensure it is not obstructed. Ensure valve body is clean and free of fuel

4/1/2019 (All day) MONTHLY FILL PORTS 

B. Inspect drain valve in spill bucket and ensure it is in good condition. Ensure the caps installed on the receipt connection points are vapor tight and are not broken, cracked, or chipped. Ensure the poppet valve of the vapor recovery port seals tightly and no

vapor is escaping from the tank
when the valve is closed.

4/1/2019 (All day) MONTHLY Fixed Pantographs 

A. Place entire pantograph under
static pump head pressure and
check for leaks, ease of
movement, and damaged
grounding or bonding wire.


4/1/2019 (All day) MONTHLY FLEXIBLE BALL JOINTS 

A. Lubricate ball joints and inspect
for wear and stress.

4/1/2019 (All day) MONTHLY FLOATING ROOFS 

A. Visually inspect the center primary
roof drain system is water-free
B. Visually inspect anti-rotation
pipes/roof guides and centering of
roof.
C. Visually inspect grounding cables
for proper attachment and wear or
binding.
D. Visually inspect for buckling or
damage to the roof.
E. Visually inspect for standing water
on roof deck.
F. Visually inspect for damage or
deflection in the rolling ladder (if
equipped)

4/1/2019 (All day) MONTHLY FOUNDATIONS 

4/1/2019 (All day) MONTHLY FUEL TRUCK CONTAINMENT AREAS 

4/1/2019 (All day) MONTHLY GEODESIC DOME ROOFS 

A. Conduct external inspection of
geodesic dome roofs, where
accessible, for corrosion of tank-to-
shell bolts, gasket connections,
visible signs of corrosion, apparent
roof leaks, clogging or
deterioration of vent screens, and
damage to the structure or panels.

4/1/2019 (All day) MONTHLY HIGH POINT VENT PITS 

4/1/2019 (All day) MONTHLY HOSE RETRIEVER 

A. Test hose retriever and ensure it is
operating correctly and supporting
the hose

4/1/2019 (All day) MONTHLY HYDRANT FUEL PITS 

A. Hydrant fuel pits must be
inspected to ensure that they are
dry and clean and that all fueling
components within the pit are
clean and in good working order.
Obtain necessary confined space

entry permits before entry. Inspect the pit for fuel or water. Fuel or water found in the pit must be sumped out as soon as possible.

B. Check pipe penetrations through pit walls or bottom to ensure that mechanical and boot seals are in good working condition and are allowing no water seepage into the pits.

C. Check for fuel leaks at all flanged and pipe connections.

D. Check pit lids to ensure that seals are in good working order and are preventing water entry into the pits.

E. Inspect hydrant fuel pit bonding cables for corrosion and ensure electrical continuity between bonded equipment.

4/1/2019 (All day) MONTHLY ISOLATION VALVE PITS 


A. Isolation valve pits should be inspected to ensure that the pits are dry and clean and that all components within the pit are clean and in good working order. Maintain seals and boot seals as appropriate. Obtain necessary confined space entry permits before entry. Inspect the pit for signs of fuel or water. Water or fuel should be removed from the pit as soon as possible and the source of water infiltration or fuel leak determined.


B. Check for cracks in concrete and check piping penetrations through pit wall or bottom to ensure that mechanical seals and boot seals are in good working condition and are allowing no seepage of water into the pits. Make note of cracks in concrete and schedule maintenance as necessary.


Check for fuel leaks at all flanged and other piping connections.


Check for rusted or deteriorated ladders or grating platforms that might make entry unsafe. Check pit lids for proper sealing. Check rolling pit covers for ease of operation and signs of deterioration, damage or corrosion. Make sure required locks are in place and locking mechanisms are not broken.

4/1/2019 (All day) MONTHLY LATERAL CONTROL PITS 

4/1/2019 (All day) MONTHLY LIQUIFIED PETROLEUM GAS HOSES 

4/1/2019 (All day) MONTHLY LIQUIFIED PETROLEUM PIPELINES 

4/1/2019 (All day) MONTHLY LIQUIFIED PETROLEUM TANKS 

4/1/2019 (All day) MONTHLY LIQUIFIED PETROLEUM VAPOR LINES 

4/1/2019 (All day) MONTHLY LOADING FUEL HOSES 

4/1/2019 (All day) MONTHLY LOW POINT DRAINS 

- A. Inspect low point drain pits to ensure they are dry and free of water and other debris and that all pit and piping components are leak free and in good working condition. Inspect the pit for fuel or water. Fuel or water found in the pit must be sumped out as soon as possible.
- B. Check pipe penetrations through pit wall or bottom to ensure that mechanical seals and boot seals are in good working condition and are allowing no water seepage into the pits.
- C. Check pit lid seals for deterioration and replace as necessary.
- D. Ensure that low point vent valves, quick-disconnect couplings or pit lids are lockable and that locking mechanisms are in good working order.
- E. Inspect low point drain pit bonding cables for corrosion and ensure electrical continuity between bonded equipment

4/1/2019 (All day) MONTHLY LOW POINT DRAINS 

- B. Operate low point drains when system is not under operating pressure. If there is an absence of sufficient line pressure close the low point drain and pressurize the system. Once adequate pressure is available, continue draining until the piping fuel sample is clear and bright with no visible water.

4/1/2019 (All day) MONTHLY LPG VAPORIZERS 

- C. Inspect vaporizers for leaks. If leaks are occurring, the odorizing agent in the gas should be detectable. Use a soap and water solution to spray on areas suspected of leaks. Systems that are found with leaks must be taken out of service and repaired

4/1/2019 (All day) MONTHLY MAIRNE ISSUE 

- B. Inspect the ground switch used between the marine barge or tanker and the petroleum fuel

receipt piping.
C. Inspect mooring lines, cleats, bollards, bits, pulley blocks, steel wire ropes, and winches. Use UFC 4-150-08 *Inspection of Mooring Hardware* as a guide when conducting inspections. Repair or replace damaged components as required.

4/1/2019 (All day) MONTHLY MARINE RECEIPT 

B. Inspect the ground switch used between the marine barge or tanker and the petroleum fuel receipt piping.
C. Inspect mooring lines, cleats, bollards, bits, pulley blocks, steel wire ropes, and winches. Use UFC 4-150-08 *Inspection of Mooring Hardware* as a guide when conducting inspections. Repair or replace damaged components as required

4/1/2019 (All day) MONTHLY MOBILE PANTOGRAPHS 

A. Place entire pantograph under static pump head pressure and check for leaks, ease of movement, and damaged grounding or bonding wire.

4/1/2019 (All day) MONTHLY Multi Point Mooring Systems 

A. Inspect and, if necessary, repair or replace all mooring hawsers or lines, deck hose, chain, chair stoppers, flange adaptors, gaskets or other deck gear used in mooring the marine tanker and in connecting underwater hoses

4/1/2019 (All day) MONTHLY NON DOT REGULATED 

A. Conduct petroleum fuel pipeline volume check in accordance with Section [6-1.8 Volume Check](#)

4/1/2019 (All day) MONTHLY ON BASE PIPELINES 

A. Conduct petroleum fuel pipeline visual inspection of aboveground piping in accordance with Section [6-1.5 Pipeline Visual Inspection](#)

4/1/2019 (All day) MONTHLY PETROLEUM GAS REGULATORS 

A. Inspect petroleum gas regulators for leaks. If leaks are occurring, the odorizing agent in the gas should be detectable. Use a soap and water solution to spray on areas suspected of leaks. Systems that are found with leaks must be taken out of service and

repaired.

4/1/2019 (All day) MONTHLY POINT SENSOR DRY

4/1/2019 (All day) MONTHLY POINT SENSOR DRY

4/1/2019 (All day) MONTHLY POINT SENSOR DRY

B. Ensure monitoring space is clear and free of debris and liquid

4/1/2019 (All day) MONTHLY POINT SENSOR WET

B. Ensure level of monitoring fluid is within normal range.

4/1/2019 (All day) MONTHLY PONTOON FLOATING PAN

A. Visually inspect pan guide/anti-rotation cables or pipes and centering of pan.

B. Visually inspect pan grounding cables for proper attachment and wear or binding.

C. Visually inspect for buckling or damage to the pan.

D. Visually inspect for damage or deflection in the rolling ladder (if equipped).

4/1/2019 (All day) MONTHLY POSITIVE DISPLACEMENT METERS

A. Inspect counter head for unusual noises and smooth operation.

4/1/2019 (All day) MONTHLY Pressure and Pressure/ Vacuum Gauges

A. Check operation of gauge. Ensure gauge is indicating pressure of the system.


4/1/2019 (All day) MONTHLY Rectangular Concrete- Encased Tanks

4/1/2019 (All day) MONTHLY SECONDARY TANK BOTTOMS

A. Tanks designed with secondary tank bottoms should have tell-tale devices (leak detection ports) to allow for monitoring of the tank's floor integrity. The tell-tale devices are typically configured as valves or inspection ports to allow for visual monitoring of liquid that may be present between the foundation and the tank floor. The presence of water would indicate a breach in the foundation seals or flooring while the presence of petroleum would indicate integrity loss in the tank floor. Open and check tell-tale valves or inspection ports. Verify the absence of water or petroleum.

4/1/2019 (All day) MONTHLY SELF CONTAINED DISPENSER PUMPS

- A. Inspect self-contained dispenser pump v-belt drives for proper tension and excess wear. Replace belt as recommended by manufacturer.
- B. Inspect pump body. Ensure pump body is clean and free of fuel. Inspect air eliminator. Ensure air eliminator is clean and free of fuel and that the vent tube is not obstructed.


4/1/2019 (All day) MONTHLY SELF DIKING VAULTED TANKS 

4/1/2019 (All day) MONTHLY SIDESTREAM FILTRATION SYSTEMS 

4/1/2019 (All day) MONTHLY SIGNAGE AND MARKINGS 

4/1/2019 (All day) MONTHLY STEEL FLOATING PAN 


- A. Visually inspect pan guide/antirotation cables and centering of pan.
- B. Visually inspect pan grounding cables for proper attachment and wear or binding.
- C. Visually inspect for buckling or damage to the pan.
- D. Visually inspect for damage or deflection in the rolling ladder (if equipped).

4/1/2019 (All day) MONTHLY SWIVELS 

4/1/2019 (All day) MONTHLY THERMAL AND PRESSURE RELIEF VALVES 

4/1/2019 (All day) MONTHLY TRANSITION SUMPS 

4/1/2019 (All day) MONTHLY UNDEGROUND FIELD CONSTRUCTED TANKS 

4/1/2019 (All day) MONTHLY UNDERGROUND DOUBLE WALLED AND SHOP FABRICATED TANKS 

4/1/2019 (All day) MONTHLY UNDERGROUND SINGLE WALLED SHOP FABRICATED TANKS 

4/1/2019 (All day) MONTHLY: Aluminum Honeycomb Floating Pan 

4/1/2019 (All day) QUATERLY PANTOGRAPH PRESSURE CONTROL VALVES

4/1/2019 (All day) QUATERLY PLUG VALVES LUBRICATED

- A. Open and close valve to check for ease of operation

4/1/2019 (All day) QUATERLY EMERGENCY SHUT OFF VAVLES

4/1/2019 (All day) QUATERLY FUSIBLE LINE BUTTERFLY VALVES

4/1/2019 (All day) QUATERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

4/1/2019 (All day) QUATERLY BALL VALVES

- A. Open and close valve to check for ease of operation.
- B. Lubricate overhead ball valve chain operator gears.
- C. Adjust packing per manufacturer's specifications.
- D. Inspect valve exterior for corrosion and tightness of bolts. Repaint/tighten as required.

4/1/2019 (All day) QUARTERLY BUTTERFLY VALVES

- A. Open and close valve to check for ease of operation. Ensure that lever operators and locking mechanisms are in place and working properly.
- B. Adjust packing per manufacturer's specifications as needed. If butterfly valves are leaking or not shutting off flow, tightening the gland flange to tighten the stem packing or remove the valve from service and replace the seats as necessary.
- C. Inspect valve exterior for corrosion and tightness of bolts. Repaint and retighten as required

4/1/2019 (All day) QUARTERLY CENTRIFUGAL PUMPS

- A. Check for proper operations while pump is in use. Check suction and discharge pressure gauge for abnormal readings.
- B. Check for unusual noise, vibration, overheating of bearings or case.
- C. If equipped with lubricating oil charge, check oil level and adjust as necessary.
- D. Tighten or replace loose, missing or damaged nuts, bolts, or screws.
- E. Inspect suction and discharge isolation dampeners for misalignment and wear
- F. Inspect mechanical seals, if possible, for proper operating temperature, drips, leaks and dirt

4/1/2019 (All day) QUARTERLY CHECK VALVES

- A. Use external test lever to make sure the valve is not sticking if equipped. If a check valve is suspected of not checking and cannot be serviced in place, it must be removed from the piping system and serviced in a shop.
- B. Inspect valve exterior for corrosion and tightness of bolts. Repaint and retighten as required.

4/1/2019 (All day) QUARTERLY Combination Dual Rate-of- Flow Control and Solenoid Valves

- A. Verify valve is set to maintain a flow rate of 300 gpm (19 lps).

- B. Verify operation of check valve feature.
- C. Verify solenoid operation

4/1/2019 (All day) QUARTERLY DEACTIVATED FUEL TANKS

- A. Inspect water or anti-corrosion level in tank. If level has dropped, investigate potential leak points such as blind flanges. Repair leaks that are detected and refill to appropriate level.
- B. Check exterior coatings and labels. Repair peeling coatings and/or rusting areas and replace or repair labels which have become faded and difficult to read

4/1/2019 (All day) QUARTERLY DEACTIVATED PIPELINES

4/1/2019 (All day) QUARTERLY DEACTIVATED PUMPS

4/1/2019 (All day) QUARTERLY DEFUEL CONTROL VALVES

4/1/2019 (All day) QUARTERLY DIAL THERMOMETER

- A. Inspect thermometer for cracked face and proper operational condition. Replace if damaged

4/1/2019 (All day) QUARTERLY DIAPHRAGM PUMPS

- A. Inspect hose for cracks or dry rot.
- B. Inspect compressed air connections for signs of leaks.
- C. Inspect compressed air hose coupling safety pins or safety wires for wear and damage. Replace damaged components.

4/1/2019 (All day) QUARTERLY DIFFERENT PRESSURE GAUGES

- B. Clean outside of gauge glass.

4/1/2019 (All day) QUARTERLY DIFFERENTIAL PRESSURE TRANSMITTERS

- A. Inspect the exterior of the transmitter enclosure for accumulated oil, dust, and dirt. Clean as required.
- B. Check that both enclosure caps are fully threaded onto the enclosure, compressing the O-ring between the cap and the enclosure. The O-ring must not be cracked, broken, or otherwise damaged.
- C. Inspect the display viewing glass for cleanliness and damage. Replace the enclosure cap assembly if the glass is damaged or missing. No accumulation of dust, dirt, or water (condensate) should be present inside the enclosure.

D. Inspect transmitter and mounting bracket hardware for tightness. Tighten loose hardware as necessary.

E. Inspect for loose, bent, or cracked sensing lines. Replace damaged sensing lines.

F. Check operation of transmitter. Ensure transmitter is indicating accurate pressure of the system

4/1/2019 (All day) QUARTERLY DOUBLE BLOCK AND BLEED VAVLES

A. Open and close valve to check for ease of operation.

B. Lubricate overhead valve chain operator gears if equipped.

C. Adjust packing per manufacturer's specifications.

D. Inspect valve exterior for corrosion and tightness of bolts. Repaint and tighten as required.

E. Operate the body cavity drain when valve is in closed position to ensure that the valve is closing properly.

4/1/2019 (All day) QUARTERLY DUAL PRESSURE RELIEF SOLENIOD SUTOOF AND CHECK VALVES

A. Verify high pressure relief control will open at 5 psig (35 kPa) above the refuel control valve pressure relief control set point (typically set at 110 psig (760 kPa)).

B. Verify low pressure relief control will open at 5 psig (35 kPa) when refueling pumps are stopped.

C. Verify closing speed provides a smooth, pulsation free operation.

D. Verify operation of solenoid valve.

4/1/2019 (All day) QUARTERLY DUAL RATE OF FLOW CONTROL VALVES

A. Verify dual rate-of-flow control valve is set to maintain a flow rate of 200 gpm (12.5 lps).

B. Verify check valve feature is operational.

4/1/2019 (All day) QUARTERLY EARTHEN DIKE WALLS

C. Inspect for signs of erosion. Inspections should be performed particularly after heavy rains or storms. Repair areas that have deteriorated due to erosion

4/1/2019 (All day) QUARTERLY EFSO SYSTEMS

A. Check the operation of the EFSO system by activating the fueling system and then pressing each of the EFSO buttons. Ensure that each button disables power to all of the dispensers and fuel pumps installed at the service station.

4/1/2019 (All day) QUATERLY ELECTRIC MOTORS

4/1/2019 (All day) QUATERLY ELECTRICAL EQUIPMENT

4/1/2019 (All day) QUATERLY ELECTRONIC OVERFILL PROTECTION SYSTEMS

4/1/2019 (All day) QUATERLY EMERGERNCY EYEWASH SHOWERS

C. Inspect the exterior coatings of permanently installed units and repair damaged coatings or rust.

4/1/2019 (All day) QUATERLY EXTERNAL HIGH LEVEL SHUTOFF VALVE

1) Activate the tank high-high level alarm and ensure the solenoid valve (if equipped) activates on the HLSO valve. Ensure the HLSO valve closes when the solenoid valve is activated.

4/1/2019 (All day) QUATERLY FILTER SEPERATOR

C. Operate filter separator isolation valves.
D. Inspect components and check operation of water shutoff system

4/1/2019 (All day) QUATERLY FILTER SEPERATOR CONTROL VALVE

4/1/2019 (All day) QUATERLY FIRE VALVES

4/1/2019 (All day) QUATERLY FIXED PANTOGRAPHS

4/1/2019 (All day) QUATERLY FLEXIBLE MEMBRANE LINERS

B. Visibly inspect FMLs where attached to ringwalls, dike walls, concrete piers and other projections for deterioration due to weather or wear and repair as necessary.

C. Visually inspect FMLs covered with smooth rock or gravel for bare spots where the gravel has been washed away due to storms or heavy rains for tears. Replace gravel taking care not to puncture the liner.

D. Visually inspect exposed FML for tears or punctures and repair

4/1/2019 (All day) QUATERLY FLOATING SUCTION LINERS

4/1/2019 (All day) QUATERLY FLUSH VALVES

A. Ensure Solenoids A and B are deenergized with system in automatic mode and lead pump operating.

B. Ensure Solenoid A is energized and Solenoid B is de-energized to allow main valve to open and drop system pressure to 80 psig (550

kPa) (typical set pressure) with system in automatic mode and lead pump off.
C. Ensure Solenoid A is de-energized and Solenoid B is energized when system is in flush mode.
D. Ensure Solenoids A and B are deenergized when system is in tightness test mode.
E. Check opening and closing speed. Speed should be as fast as possible while still maintaining smooth operation.

4/1/2019 (All day) QUARTERLY FUEL NOZZLES

4/1/2019 (All day) QUARTERLY FUEL TRUCK CONTANMENT AREAS

C. Inspect the parking area for cracks in the concrete containment paving and curbs. Remove vegetation that may have established roots in the buildup of dirt or from exposed earth under cracks. Thoroughly clean and seal cracks with a fuel resistant sealant.

4/1/2019 (All day) QUARTERLY GATE VALVES

4/1/2019 (All day) QUARTERLY GEAR PUMPS

4/1/2019 (All day) QUARTERLY GEARBOXES

4/1/2019 (All day) QUARTERLY GENERAL SYSTEMS CONTROL VALVES

4/1/2019 (All day) QUARTERLY GLOBE VALVES

4/1/2019 (All day) QUARTERLY GROUND VERIFICATION SYSTEMS

4/1/2019 (All day) QUARTERLY HYDRANT ADAPTERS

4/1/2019 (All day) QUARTERLY HYDRANT CONTROL VALVES

4/1/2019 (All day) QUARTERLY LIGHTING

A. Verify proper operation of light switch, lighting contactor, photocell or timer as appropriate. If a lighting contactor is used, listen for the chatter of contacts or buzzing noise. These are indicative of a faulty contactor. Replace if required.
B. With the lights turned on, observe individual luminaries for flicker or lights turning on and off. The former is indicative of a faulty choke. The latter is indicative of a faulty starter. Replace the faulty components as required.
C. When light fixtures are located in

hazardous areas, verify that the seals are intact and the hazardous rating of the fixture is maintained.

4/1/2019 (All day) QUARTERLY LINE BLANKS RING SPACERS AND SPECTACLE BLINDS

4/1/2019 (All day) QUARTERLY LOADING FUEL HOSES

4/1/2019 (All day) QUARTERLY Magnetostrictive Probes

- B. Inspect probe assembly for buildup of sediment.
- C. Inspect probe assembly and probe shaft for deformations that would inhibit movement of probe

4/1/2019 (All day) QUARTERLY MARINE LOADING ARMS

4/1/2019 (All day) QUARTERLY MECHANICALLY OPERATED TAPE GAUGE

4/1/2019 (All day) QUARTERLY MOBILE PANTOGRAPHS

4/1/2019 (All day) QUARTERLY OFFLOADING FUEL HOSES

- B. Check flanged and threaded connections for leaks and inspect hose couplers for fluid seepage by pushing at the base of the coupling with thumbs; a hose softened by petroleum fluid seepage must be replaced. Damaged or leaking hoses must be replaced immediately or isolated and taken out of service.

4/1/2019 (All day) QUARTERLY OIL WATER SEPARATOR

4/1/2019 (All day) QUARTERLY PANEL BOARDS

4/1/2019 (All day) QUARTERLY PANTOGRAPHS CONTROL VALVES

4/1/2019 (All day) QUARTERLY PLUG VALVES

- A. Open and close valve to check for ease of operation. Adjust or replace packing as needed

4/1/2019 (All day) QUARTERLY POINT SENSOR DRY

4/1/2019 (All day) QUARTERLY POWER CABLES

- A. Visual inspection: Verify that there are no sharp bends. Verify that the cable insulation is intact. Verify that cables are appropriately tagged or otherwise identified. Verify that all connections are tight and not corroded. Open manholes and handholes. Verify that they are not flooded, clogged with debris or infested by pests.

4/1/2019 (All day) QUARTERLY PRESSURE AND PRESSURE VACCUM GAUGES

4/1/2019 (All day) QUARTERLY PRESSURE CONTROL VAVLES

- A. Ensure Solenoid A is energized and Solenoid B is de-energized while system is in automatic mode and lead pump is operating.
- B. Ensure Solenoids A and B are deenergized while system is in automatic mode and lead pump is off. Verify valve opens to maintain system pressure at 75 psig (515 kPa).
- C. Ensure Solenoid A is energized and Solenoid B is de-energized while system is in flush mode and lead pump is operating.
- D. Ensure Solenoids A and B are deenergized while system is in flush mode and pumps are off.
- E. Ensure Solenoids A and B are energized while system is in tightness test mode.
- F. Verify closing speed control. Valve should close as fast as possible while still maintaining smooth operation.

4/1/2019 (All day) QUARTERLY PRODUCT SAVER TANKS

- A. Inspect the product saver tank to ensure all valves are working properly, sight level gauges with density balls are working properly and are not broken, and hand pumps or electric pumps are working properly and are not leaking.

4/1/2019 (All day) QUARTERLY REFEUL CONTROL VALVES

4/1/2019 (All day) QUARTERLY REMOTE SPILL CONTAINMENT

- A. Inspect the remote containment basin for cracks in the concrete containment paving, walls, and curbs. Remove vegetation that may have established roots in the buildup of dirt or from exposed earth under cracks. Thoroughly clean cracks with a water spray or air jet. Seal cracks with a fuel resistant sealant.
- B. If equipped, inspect spill containment sump pump for proper operation.

4/1/2019 (All day) QUARTERLY SERVO GAUGE

4/1/2019 (All day) QUARTERLY SLIDING VANE PUMP

4/1/2019 (All day) QUARTERLY STAGE I VAPOR RECOVERY

- B. Inspect caps and camlock fittings

for tightness and leaks

□ 4/1/2019 (All day) QUARTERLY STATIC GROUND SYSTEM

□ 4/1/2019 (All day) QUARTERLY SURGE SUPPRESSORS

A. Inspect for nitrogen leaks.
B. Bladder pressure inside surge suppressors must be validated and recharged as needed with nitrogen. Some surge suppressors are also equipped with needle valves. Settings established in the startup and commissioning documents should be maintained. Adjust nitrogen charge per manufacturer's recommendations.

□ 4/1/2019 (All day) QUARTERLY THERMAL AND PRESSURE RELIEF VALVES

C. Inspect valve exterior of thermal and pressure relief valves for corrosion. Repaint as required. Information plates attached to thermal and pressure relief valves must not be painted over

□ 4/1/2019 (All day) QUARTERLY TRUCK FILL VALVES

A. Verify TFV maintains 35 psig (240 kPa) nozzle pressure at a flow range of 50 to 600 gpm (3 to 38 lps).
B. Verify TFV closes rapidly when outlet pressure exceeds control set point.
C. Verify TFV opens when the deadman control lever is pressed.
D. Verify TFV closes after the deadman control lever is released.
E. If equipped, verify operation of solenoid connected to grounding verification system. Ground verification system should energize solenoid when an acceptable ground is detected by the ground verification unit.
F. Systems that have overflow protection systems must be inspected and maintained concurrently with the inspection and maintenance of TFVs.

□ 4/1/2019 (All day) QUARTERLY VAPOR BURNER

□ 4/1/2019 (All day) QUARTERLY VERTICAL TURBINE SUBMERGED TURBINE PUMPS

A. Check for proper operations while pump is in use. Check discharge pressure gauge for abnormal readings.
B. Check for unusual noise, vibration, overheating of bearings or case.

- C. If equipped with lubricating oil charge, check oil level and adjust as necessary.
- D. Tighten or replace loose, missing or damaged nuts, bolts, or screws.
- E. Inspect mechanical seals, if possible, for proper operating temperature, drips, leaks and dirt.

4/1/2019 (All day) QUATERLY VERTICAL INLINE PUMPS

- A. Check for proper operations while pump is in use. Check suction and discharge pressure gauges for abnormal readings.
- B. Check for unusual noise, vibration, overheating of bearings.
- C. Tighten or replace loose, missing or damaged nuts, bolts, or screws.
- D. Inspect suction and discharge isolation dampeners for misalignment and wear.
- E. Inspect mechanical seals, if possible, for proper operating temperature, drips, leaks and dirt

4/1/2019 (All day) QUATERLY VISUAL LEAK DETECTION

- B. Visually inspect reinforcement plate tell-tale holes for signs of leaks. Ensure tell-tale holes have not been plugged by debris or a cap. Pack reinforcement plate tell-tales with white grease to prevent insect nesting and buildup of debris

4/1/2019 (All day) QUATERLY MANUAL VAVLE GEAR OPERATORS

4/1/2019 (All day) QUIATERLY MECHANICAL TAPE GAUGES

4/1/2019 (All day) SEM I ANNUALY Concrete and Cement Brick Dike/Berm Walls and Floors

- C. Inspect walls constructed of concrete for signs of deterioration (e.g., spalling caused by freezethaw conditions and cracks). Clean and seal cracks with a fuel resistant sealant.
- D. Inspect seals and joints in concrete walls. Joint sealant that has retracted from the joint or become unbonded with the joints must be removed and replaced with fuel resistant sealant.

4/1/2019 (All day) SEMI ANNAULY CNG STORAGE

- B. Inspect coatings and markings on storage tubes or tanks. Repair coating deterioration and replace labels that are fading and becoming difficult to read.

- 4/1/2019 (All day) SEMI ANNUAL Return Venturi
- 4/1/2019 (All day) SEMI ANNUAL ;MOTOR CONTROLS
- 4/1/2019 (All day) SEMI ANNUAL GEARBOXES
- 4/1/2019 (All day) SEMI ANNUAL Issue Venturi
- 4/1/2019 (All day) SEMI ANNUAL Liquefied Petroleum Tanks
- 4/1/2019 (All day) SEMI ANNUAL Liquefied Petroleum Vapor Lines
- 4/1/2019 (All day) SEMI ANNUAL Magnetostrictive Probes
- 4/1/2019 (All day) SEMI ANNUAL Mechanically Operated Tape Gauge
- 4/1/2019 (All day) SEMI ANNUAL NON SURGE CHECK VALVES
- 4/1/2019 (All day) SEMI ANNUAL Overfill Valve for Product Recovery Tanks
- 4/1/2019 (All day) SEMI ANNUAL Pipe Penetrations
- 4/1/2019 (All day) SEMI ANNUAL Plug Valves - Lubricated
- 4/1/2019 (All day) SEMI ANNUAL Positive Displacement Meters
 - B. Positive displacement meters must be inspected and calibrated semiannually or when improper performance is suspected; when unusual sounds or register actions develop; or after repairs have been made which may affect performance. Positive displacement meters are satisfactory when the measurement error in the normal flow direction is within $\pm 0.3\%$ of actual quantity delivered (e.g., ± 1.8 gallons for a 600-gallon test (± 6.8 liters for a 2275-liter test)). Adjustment of the meter's register will be in accordance with manufacturer's instructions. Identify the next calibration date on meters (example: Mar 14 for March 2014). Use weather resistant label that will remain legible and affixed for at least one year.
 - C. Inspect temperature element operation of meters equipped with temperature compensation feature per manufacturer's operation and maintenance manual.
- 4/1/2019 (All day) SEMI ANNUAL Pressure and Pressure/ Vacuum Gauges
- 4/1/2019 (All day) SEMI ANNUAL Pressure Relief Valves
- 4/1/2019 (All day) SEMI ANNUAL Pressure Transmitters
 - G. Bleed sensing lines between the

transmitter and the main line to ensure they are clean and free of suspended solids and air.

4/1/2019 (All day) SEMI ANNUAL SERVO GAUGE

- C. Gauge level accuracy must be performed against a hand dip measurement of the tank. Calibrate as required.
- D. Inspect float and guide cable through an opened manway or access cover. Verify that the guide wire is taut and free of kinks. Verify that the float is buoyant and free of sludge or sediment build up.
- E. Inspect power and control wires for damage.
- F. Inspect all wire connection termination points for damage or loose connections.

4/1/2019 (All day) SEMI ANNUAL Submerged Piping Systems

- C. Divers must inspect submerged pipe and hoses for signs of incipient failure or indications of rapid wear of parts subject to wave motion or abrasion on the ocean floor.

4/1/2019 (All day) SEMI ANNUAL TURBINE FLOW METER

4/1/2019 (All day) SEMI ANNUAL VERTICAL TURBINE SUBMERGED TURBINE PUMP

4/1/2019 (All day) SEMI ANNUAL Liquefied Petroleum Pipelines

4/1/2019 (All day) SEMI ANNUALLY BASKET STRAINERS

4/1/2019 (All day) SEMI ANNUALLY DIKE BERM FLOORS

- B. Inspect floors made of concrete for signs of deterioration (e.g., spalling caused by freeze-thaw conditions and cracks). Clean and seal cracks with a fuel resistant sealant.
- C. Inspect joints and seals. Joint sealant that has retracted from the joint or become unbonded with the joints must be removed and replaced with a fuel resistant sealant.

4/1/2019 (All day) SEMI ANNUALLY Filter Separator Control Valves

- C. Verify valve maintains flow rate (typically 600 gpm (38 lps), operating range based on commissioning documentation). Adjust flow rate if required. Flow rate is determined by filter separator vessel gpm (lps) rating,

or element flow rate, whichever is less. Use return venturi to measure and confirm flow rate during valve testing and adjustment.
D. Ensure check valve function is operating properly.

4/1/2019 (All day) SEMI ANNUALLY GATE VALVES

B. Lubricate valve operator stem.
C. Inspect valve exterior for corrosion and tightness of bolts. Repaint and retighten as required.

4/1/2019 (All day) SEMI ANNUALY Differential Pressure Transmitters

G. Bleed sensing lines between the transmitter and the main line to ensure they are clean and free of suspended solids and air.

4/1/2019 (All day) SEMI ANNUALY EMERGENCY EYE WASH AND SHOWER

4/1/2019 (All day) SEMI ANNUALY EXTERNALLY MONITORED LEVEL ALARMS


4/1/2019 (All day) SEMI ANNUALY CNG PIPING

B. Inspect coatings and markings on piping. Repair coating deterioration and replace labels that are fading and becoming difficult to read.

4/1/2019 (All day) SEMI ANNUALLY FILTER SEPARATOR SUMP HEATERS


4/1/2019 (All day) STAGE I VAPOR RECOVERY 

4/1/2019 (All day) TANK CLEANING

4/1/2019 (All day) Thermal Fluid Type ANNUAL Heating Coils 

4/1/2019 (All day) WEEKLY ABOVEGROUND PIPING 

A. Conduct petroleum fuel piping visual inspection in accordance with [Section 6-1.5 Pipeline Visual Inspection](#).

4/1/2019 (All day) WEEKLY Emergency Eyewash/ Showers 

A. Test operation of the emergency eyewash/shower by pushing on the activation handles. Ensure the water is not brown in color, due to rust in the piping or dirt seeping in from a hole in the buried piping. For systems with tempered water, ensure that the water that is being supplied by the emergency eyewash/shower is between 60 and 100 degrees F (16 and 39 degrees C). For systems with a

horn and strobe light, ensure that the horn and strobe light activate when the activation lever on the emergency eyewash/shower is pushed. For systems that interface with Installation or fire emergency systems, pre-coordinate before testing. At some Installations emergency eyewashes and showers act as EFSOs and are tied into the fire alarm systems.

4/1/2019 (All day) WEEKLY High Point Vents 


4/1/2019 (All day) WEEKLY Loading Fuel Hoses 

4/1/2019 (All day) WEEKLY Low Point Drains PITS 


TUESDAY, APRIL 02, 2019


4/2/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/2/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/2/2019 (All day) DAILY Rope Sensor System 

4/2/2019 (All day) DAILY CNG STORAGE 

4/2/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/2/2019 (All day) DAILY Containment Systems 

4/2/2019 (All day) DAILY DIKE BERM FLOORS 

4/2/2019 (All day) DAILY DISPENSER HOSES

4/2/2019 (All day) DAILY Dispenser Nozzles

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/2/2019 (All day) DAILY Earthen Dike Walls

4/2/2019 (All day) DAILY FILL PORTS

4/2/2019 (All day) DAILY FILTER SEPARATORS

4/2/2019 (All day) DAILY Flexible Membrane Liners

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/2/2019 (All day) DAILY Ground Vehicle Fuel Piping

4/2/2019 (All day) DAILY Magnetostrictive Probes

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/2/2019 (All day) DAILY Mechanical Tape Gauges

4/2/2019 (All day) DAILY Point Sensor – Pressure/Vacuum

4/2/2019 (All day) DAILY Point Sensor- Wet

4/2/2019 (All day) DAILY Point Sensor - Dry

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present


4/2/2019 (All day) DAILY Pre-Filter Vessels

4/2/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment


A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for

integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/2/2019 (All day) DAILY SERVO GAUGE 

4/2/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/2/2019 (All day) DAILY SWIVELS 

4/2/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 


A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings

4/2/2019 (All day) STAGE I VASPOR RECOVERY 

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

WEDNESDAY, APRIL 03, 2019


4/3/2019 (All day) AT EACH USE: Steam Type Heating Coils 

4/3/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/3/2019 (All day) DAILY Rope Sensor System 

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/3/2019 (All day) DAILY CNG STORAGE 

4/3/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/3/2019 (All day) DAILY Containment Systems 

4/3/2019 (All day) DAILY DIKE BERM FLOORS 


4/3/2019 (All day) DAILY DISPENSER HOSES 

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/3/2019 (All day) DAILY Dispenser Nozzles 

4/3/2019 (All day) DAILY Earthen Dike Walls 


A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/3/2019 (All day) DAILY FILL PORTS 

4/3/2019 (All day) DAILY FILTER SEPARATORS 

4/3/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/3/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/3/2019 (All day) DAILY Magnetostrictive Probes 

4/3/2019 (All day) DAILY Mechanical Tape Gauges 

4/3/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/3/2019 (All day) DAILY Point Sensor- Wet 

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/3/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/3/2019 (All day) DAILY Pre-Filter Vessels 

4/3/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment

4/3/2019 (All day) DAILY SERVO GAUGE

4/3/2019 (All day) DAILY SIGHT FLOW INDICATORS

4/3/2019 (All day) DAILY SWIVELS

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/3/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING

4/3/2019 (All day) STAGE I VASPOR RECOVERY

THURSDAY, APRIL 04, 2019

4/4/2019 (All day) AT EACH USE: Steam Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/4/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/4/2019 (All day) DAILY Rope Sensor System

4/4/2019 (All day) DAILY CNG STORAGE

4/4/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.
B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be

patched immediately to prevent further penetration of the wall structure

4/4/2019 (All day) DAILY Containment Systems 

A. Inspect containment systems for cleanliness, if accessible

4/4/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.


4/4/2019 (All day) DAILY DISPENSER HOSES 

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.


4/4/2019 (All day) DAILY Dispenser Nozzles 

4/4/2019 (All day) DAILY Earthen Dike Walls 


A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/4/2019 (All day) DAILY FILL PORTS 


4/4/2019 (All day) DAILY FILTER SEPARATORS 

4/4/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/4/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/4/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/4/2019 (All day) DAILY Mechanical Tape Gauges ↻

4/4/2019 (All day) DAILY Point Sensor – Pressure/Vacuum ↻

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/4/2019 (All day) DAILY Point Sensor- Wet ↻

4/4/2019 (All day) DAILY Point Sensor - Dry ↻

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/4/2019 (All day) DAILY Pre-Filter Vessels ↻

A. Open drains under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/4/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment ↻

4/4/2019 (All day) DAILY SERVO GAUGE ↻

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/4/2019 (All day) DAILY SIGHT FLOW INDICATORS ↻

4/4/2019 (All day) DAILY SWIVELS ↻

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/4/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ↻

A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings


4/4/2019 (All day) STAGE I VASPOR RECOVERY ↻

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

FRIDAY, APRIL 05, 2019

4/5/2019 (All day) AT EACH USE: Steam Type Heating Coils 


A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/5/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/5/2019 (All day) DAILY Rope Sensor System 

4/5/2019 (All day) DAILY CNG STORAGE 

4/5/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

4/5/2019 (All day) DAILY Containment Systems 

A. Inspect containment systems for cleanliness, if accessible


4/5/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/5/2019 (All day) DAILY DISPENSER HOSES 

4/5/2019 (All day) DAILY Dispenser Nozzles 

4/5/2019 (All day) DAILY Earthen Dike Walls 


4/5/2019 (All day) DAILY FILL PORTS 

4/5/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.

B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on

the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings


4/5/2019 (All day) DAILY Flexible Membrane Liners 

4/5/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/5/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/5/2019 (All day) DAILY Mechanical Tape Gauges 

4/5/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/5/2019 (All day) DAILY Point Sensor- Wet 

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/5/2019 (All day) DAILY Point Sensor - Dry 


A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/5/2019 (All day) DAILY Pre-Filter Vessels 

4/5/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

4/5/2019 (All day) DAILY SERVO GAUGE 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/5/2019 (All day) DAILY SIGHT FLOW INDICATORS 

4/5/2019 (All day) DAILY SWIVELS ☞

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/5/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ☞

A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings

4/5/2019 (All day) STAGE I VASPOR RECOVERY ☞

SATURDAY, APRIL 06, 2019

4/6/2019 (All day) AT EACH USE: Steam Type Heating Coils ☞

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/6/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils ☞

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/6/2019 (All day) DAILY Rope Sensor System ☞

4/6/2019 (All day) DAILY CNG STORAGE ☞

4/6/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor ☞

4/6/2019 (All day) DAILY Containment Systems ☞

A. Inspect containment systems for cleanliness, if accessible

4/6/2019 (All day) DAILY DIKE BERM FLOORS ☞


4/6/2019 (All day) DAILY DISPENSER HOSES ☞

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to

rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/6/2019 (All day) DAILY Dispenser Nozzles 


4/6/2019 (All day) DAILY Earthen Dike Walls 

4/6/2019 (All day) DAILY FILL PORTS 

4/6/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.


B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/6/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/6/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/6/2019 (All day) DAILY Magnetostrictive Probes 

4/6/2019 (All day) DAILY Mechanical Tape Gauges 


4/6/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

4/6/2019 (All day) DAILY Point Sensor- Wet 

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.


4/6/2019 (All day) DAILY Point Sensor - Dry 

4/6/2019 (All day) DAILY Pre-Filter Vessels 


4/6/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

A. Secondary containment structures on self-diking or vaulted tanks


must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/6/2019 (All day) DAILY SERVO GAUGE 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/6/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/6/2019 (All day) DAILY SWIVELS 


4/6/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

4/6/2019 (All day) STAGE I VASPOR RECOVERY 

SUNDAY, APRIL 07, 2019


4/7/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/7/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/7/2019 (All day) DAILY Rope Sensor System 

4/7/2019 (All day) DAILY CNG STORAGE 

4/7/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.
B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint

cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/7/2019 (All day) DAILY Containment Systems 


A. Inspect containment systems for cleanliness, if accessible

4/7/2019 (All day) DAILY DIKE BERM FLOORS 

4/7/2019 (All day) DAILY DISPENSER HOSES 

4/7/2019 (All day) DAILY Dispenser Nozzles 

4/7/2019 (All day) DAILY Earthen Dike Walls 

4/7/2019 (All day) DAILY FILL PORTS 

4/7/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.

B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings


4/7/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/7/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/7/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/7/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/7/2019 (All day) DAILY Point Sensor – Pressure/Vacuum ☞

4/7/2019 (All day) DAILY Point Sensor- Wet ☞

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/7/2019 (All day) DAILY Point Sensor - Dry ☞

4/7/2019 (All day) DAILY Pre-Filter Vessels ☞

A. Open drains under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/7/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment ☞

A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/7/2019 (All day) DAILY SERVO GAUGE ☞

4/7/2019 (All day) DAILY SIGHT FLOW INDICATORS ☞

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/7/2019 (All day) DAILY SWIVELS ☞

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/7/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ☞

4/7/2019 (All day) STAGE I VASPOR RECOVERY ☞

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

MONDAY, APRIL 08, 2019

4/8/2019 (All day) AT EACH USE: Steam Type Heating Coils ☞

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range,

usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/8/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/8/2019 (All day) DAILY Rope Sensor System

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/8/2019 (All day) DAILY CNG STORAGE

4/8/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/8/2019 (All day) DAILY Containment Systems

A. Inspect containment systems for cleanliness, if accessible

4/8/2019 (All day) DAILY DIKE BERM FLOORS

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/8/2019 (All day) DAILY DISPENSER HOSES


A. Inspect dispenser hoses and hose

whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/8/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.


4/8/2019 (All day) DAILY Earthen Dike Walls 

4/8/2019 (All day) DAILY FILL PORTS 

A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel















4/8/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings


4/8/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the

roots have penetrated the FML.

- 4/8/2019 (All day) DAILY Ground Vehicle Fuel Piping 
- 4/8/2019 (All day) DAILY Magnetostrictive Probes 
- 4/8/2019 (All day) DAILY Mechanical Tape Gauges 
- 4/8/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 
- 4/8/2019 (All day) DAILY Point Sensor- Wet 
 - A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.
- 4/8/2019 (All day) DAILY Point Sensor - Dry 
- 4/8/2019 (All day) DAILY Pre-Filter Vessels 
 - A. Open drains under flow conditions until clear fuel is observed from the drain valve.
 - B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.
- 4/8/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 
- 4/8/2019 (All day) DAILY SERVO GAUGE 
- 4/8/2019 (All day) DAILY SIGHT FLOW INDICATORS 
 - A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks
- 4/8/2019 (All day) DAILY SWIVELS 
 - A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.
- 4/8/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 
 - A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings
- 4/8/2019 (All day) STAGE I VASPOR RECOVERY 
 - A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks
- 4/8/2019 (All day) WEEKLY ABOVEGROUND PIPING 

A. Conduct petroleum fuel piping visual inspection in accordance with [Section 6-1.5 Pipeline Visual Inspection](#).

4/8/2019 (All day) WEEKLY Emergency Eyewash/ Showers 

4/8/2019 (All day) WEEKLY High Point Vents 

A. Inspect high point vents. If fuel leaks are observed they should be repaired as soon as possible. Ensure that quick-disconnect dust caps are in place and that high point vent valves are locked.

4/8/2019 (All day) WEEKLY Loading Fuel Hoses 

A. Visually inspect hoses for loose covers, cracks, brittle surface coatings, exposed wire braids, exposed reinforcement, flattening, kinks, and bulges or soft spots which might indicate broken or displaced reinforcement


4/8/2019 (All day) WEEKLY Low Point Drains PITS 

A. Visually inspect low point drains. Ensure that quick-disconnect dust caps are in place and that valves are locked closed.

TUESDAY, APRIL 09, 2019

4/9/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.


4/9/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 


A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/9/2019 (All day) DAILY Rope Sensor System 

A. Ensure the monitoring panel associated with the rope sensor(s)

is powered on and no alarms are present.

4/9/2019 (All day) DAILY CNG STORAGE 

4/9/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/9/2019 (All day) DAILY Containment Systems 

A. Inspect containment systems for cleanliness, if accessible

4/9/2019 (All day) DAILY DIKE BERM FLOORS 

4/9/2019 (All day) DAILY DISPENSER HOSES 

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.


4/9/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/9/2019 (All day) DAILY Earthen Dike Walls 

A. Inspect for vegetation that has


taken root. All vegetation must be removed in all cases.

4/9/2019 (All day) DAILY FILL PORTS 


A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/9/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings


4/9/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/9/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/9/2019 (All day) DAILY Magnetostrictive Probes 

4/9/2019 (All day) DAILY Mechanical Tape Gauges 

4/9/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/9/2019 (All day) DAILY Point Sensor- Wet 

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/9/2019 (All day) DAILY Point Sensor - Dry ☞

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/9/2019 (All day) DAILY Pre-Filter Vessels ☞

A. Open drains under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/9/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment ☞

A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/9/2019 (All day) DAILY SERVO GAUGE ☞

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/9/2019 (All day) DAILY SIGHT FLOW INDICATORS ☞

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/9/2019 (All day) DAILY SWIVELS ☞

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/9/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ☞

A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings

4/9/2019 (All day) STAGE I VASPOR RECOVERY ☞

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

WEDNESDAY, APRIL 10, 2019

4/10/2019 (All day) AT EACH USE: Steam Type Heating Coils ☞

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/10/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils ☞

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/10/2019 (All day) DAILY Rope Sensor System ☞

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/10/2019 (All day) DAILY CNG STORAGE ☞

4/10/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor ☞

4/10/2019 (All day) DAILY Containment Systems ☞

4/10/2019 (All day) DAILY DIKE BERM FLOORS ☞

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/10/2019 (All day) DAILY DISPENSER HOSES ☞

4/10/2019 (All day) DAILY Dispenser Nozzles ☞

4/10/2019 (All day) DAILY Earthen Dike Walls ☞

A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.


4/10/2019 (All day) DAILY FILL PORTS ☞


A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are

installed on the correct tank.
Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/10/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/10/2019 (All day) DAILY Flexible Membrane Liners 

4/10/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/10/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/10/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/10/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/10/2019 (All day) DAILY Point Sensor- Wet 

4/10/2019 (All day) DAILY Point Sensor - Dry 


A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present


4/10/2019 (All day) DAILY Pre-Filter Vessels 

- A. Open drains under flow conditions until clear fuel is observed from the drain valve.
- B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.


4/10/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

- A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.


4/10/2019 (All day) DAILY SERVO GAUGE 

4/10/2019 (All day) DAILY SIGHT FLOW INDICATORS 

- A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks


4/10/2019 (All day) DAILY SWIVELS 


- A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/10/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

4/10/2019 (All day) STAGE I VASPOR RECOVERY 

THURSDAY, APRIL 11, 2019


4/11/2019 (All day) AT EACH USE: Steam Type Heating Coils 

4/11/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/11/2019 (All day) DAILY Rope Sensor System 

- A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/11/2019 (All day) DAILY CNG STORAGE 

4/11/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 


4/11/2019 (All day) DAILY Containment Systems 

4/11/2019 (All day) DAILY DIKE BERM FLOORS 

4/11/2019 (All day) DAILY DISPENSER HOSES 


4/11/2019 (All day) DAILY Dispenser Nozzles 

4/11/2019 (All day) DAILY Earthen Dike Walls 

4/11/2019 (All day) DAILY FILL PORTS 

4/11/2019 (All day) DAILY FILTER SEPARATORS 


4/11/2019 (All day) DAILY Flexible Membrane Liners 

4/11/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/11/2019 (All day) DAILY Magnetostrictive Probes 

4/11/2019 (All day) DAILY Mechanical Tape Gauges 

4/11/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 


A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.


4/11/2019 (All day) DAILY Point Sensor- Wet 


4/11/2019 (All day) DAILY Point Sensor - Dry 


4/11/2019 (All day) DAILY Pre-Filter Vessels 

4/11/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

4/11/2019 (All day) DAILY SERVO GAUGE 

4/11/2019 (All day) DAILY SIGHT FLOW INDICATORS 

4/11/2019 (All day) DAILY SWIVELS 

4/11/2019 (All day) QUATERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

4/11/2019 (All day) STAGE I VASPOR RECOVERY 

FRIDAY, APRIL 12, 2019

4/12/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be

inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/12/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/12/2019 (All day) DAILY Rope Sensor System

4/12/2019 (All day) DAILY CNG STORAGE

4/12/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/12/2019 (All day) DAILY Containment Systems

A. Inspect containment systems for cleanliness, if accessible

4/12/2019 (All day) DAILY DIKE BERM FLOORS

4/12/2019 (All day) DAILY DISPENSER HOSES


4/12/2019 (All day) DAILY Dispenser Nozzles

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to

hose connection and ensure it is clean and free of fuel.

4/12/2019 (All day) DAILY Earthen Dike Walls 


A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/12/2019 (All day) DAILY FILL PORTS 


A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/12/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/12/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/12/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/12/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/12/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be

accurate


4/12/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/12/2019 (All day) DAILY Point Sensor- Wet 

4/12/2019 (All day) DAILY Point Sensor - Dry 


A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/12/2019 (All day) DAILY Pre-Filter Vessels 


A. Open drains under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/12/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 


A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/12/2019 (All day) DAILY SERVO GAUGE 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/12/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/12/2019 (All day) DAILY SWIVELS 

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/12/2019 (All day) QUATERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

A. Visually inspect coatings for signs

of deterioration, corrosion or damage. Repair damaged or deteriorated coatings

4/12/2019 (All day) STAGE I VASPOR RECOVERY

SATURDAY, APRIL 13, 2019

4/13/2019 (All day) AT EACH USE: Steam Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/13/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/13/2019 (All day) DAILY Rope Sensor System

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/13/2019 (All day) DAILY CNG STORAGE

4/13/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.
B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/13/2019 (All day) DAILY Containment Systems

A. Inspect containment systems for cleanliness, if accessible

4/13/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.


4/13/2019 (All day) DAILY DISPENSER HOSES 

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/13/2019 (All day) DAILY Dispenser Nozzles 


A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/13/2019 (All day) DAILY Earthen Dike Walls 

4/13/2019 (All day) DAILY FILL PORTS 


A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/13/2019 (All day) DAILY FILTER SEPARATORS 

4/13/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the

roots have penetrated the FML.

4/13/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/13/2019 (All day) DAILY Magnetostrictive Probes 

4/13/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/13/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/13/2019 (All day) DAILY Point Sensor- Wet 

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.


4/13/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present


4/13/2019 (All day) DAILY Pre-Filter Vessels 

4/13/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/13/2019 (All day) DAILY SERVO GAUGE 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/13/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for

indications of cracks

4/13/2019 (All day) DAILY SWIVELS ☞

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/13/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ☞

4/13/2019 (All day) STAGE I VASPOR RECOVERY ☞

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

SUNDAY, APRIL 14, 2019

4/14/2019 (All day) AT EACH USE: Steam Type Heating Coils ☞

4/14/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils ☞

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/14/2019 (All day) DAILY Rope Sensor System ☞

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/14/2019 (All day) DAILY CNG STORAGE ☞

4/14/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor ☞

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/14/2019 (All day) DAILY Containment Systems ☞

4/14/2019 (All day) DAILY DIKE BERM FLOORS 


4/14/2019 (All day) DAILY DISPENSER HOSES 

4/14/2019 (All day) DAILY Dispenser Nozzles 


A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/14/2019 (All day) DAILY Earthen Dike Walls 


A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/14/2019 (All day) DAILY FILL PORTS 

4/14/2019 (All day) DAILY FILTER SEPARATORS 

4/14/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/14/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/14/2019 (All day) DAILY Magnetostrictive Probes 

4/14/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/14/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

4/14/2019 (All day) DAILY Point Sensor- Wet 

4/14/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/14/2019 (All day) DAILY Pre-Filter Vessels ☞

4/14/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment ☞

A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/14/2019 (All day) DAILY SERVO GAUGE ☞

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/14/2019 (All day) DAILY SIGHT FLOW INDICATORS ☞

4/14/2019 (All day) DAILY SWIVELS ☞

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/14/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ☞

A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings

4/14/2019 (All day) STAGE I VAPOR RECOVERY ☞

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

MONDAY, APRIL 15, 2019

4/15/2019 (All day) AT EACH USE: Steam Type Heating Coils ☞

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.


4/15/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils ☞


A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F

(65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/15/2019 (All day) DAILY Rope Sensor System 

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/15/2019 (All day) DAILY CNG STORAGE 

4/15/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/15/2019 (All day) DAILY Containment Systems 

A. Inspect containment systems for cleanliness, if accessible

4/15/2019 (All day) DAILY DIKE BERM FLOORS 

4/15/2019 (All day) DAILY DISPENSER HOSES 


4/15/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/15/2019 (All day) DAILY Earthen Dike Walls 

A. Inspect for vegetation that has

taken root. All vegetation must be removed in all cases.

4/15/2019 (All day) DAILY FILL PORTS 

A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/15/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/15/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/15/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/15/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/15/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/15/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/15/2019 (All day) DAILY Point Sensor- Wet 


4/15/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present


4/15/2019 (All day) DAILY Pre-Filter Vessels 

4/15/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 


A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/15/2019 (All day) DAILY SERVO GAUGE 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/15/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/15/2019 (All day) DAILY SWIVELS 

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/15/2019 (All day) QUATERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 


A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings


4/15/2019 (All day) STAGE I VASPOR RECOVERY 

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

4/15/2019 (All day) WEEKLY ABOVEGROUND PIPING 

A. Conduct petroleum fuel piping visual inspection in accordance with [Section 6-1.5 Pipeline Visual Inspection](#).

4/15/2019 (All day) WEEKLY Emergency Eyewash/ Showers 

4/15/2019 (All day) WEEKLY High Point Vents 

4/15/2019 (All day) WEEKLY Loading Fuel Hoses 

A. Visually inspect hoses for loose covers, cracks, brittle surface coatings, exposed wire braids, exposed reinforcement, flattening, kinks, and bulges or soft spots which might indicate broken or displaced reinforcement


4/15/2019 (All day) WEEKLY Low Point Drains PITS 

A. Visually inspect low point drains. Ensure that quick-disconnect dust caps are in place and that valves are locked closed.


TUESDAY, APRIL 16, 2019


4/16/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/16/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/16/2019 (All day) DAILY Rope Sensor System 

4/16/2019 (All day) DAILY CNG STORAGE 

4/16/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/16/2019 (All day) DAILY Containment Systems 

4/16/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/16/2019 (All day) DAILY DISPENSER HOSES 


A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/16/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/16/2019 (All day) DAILY Earthen Dike Walls 

A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.


4/16/2019 (All day) DAILY FILL PORTS 

A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/16/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential

pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/16/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/16/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/16/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/16/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/16/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/16/2019 (All day) DAILY Point Sensor- Wet 

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/16/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present


4/16/2019 (All day) DAILY Pre-Filter Vessels 

A. Open drains under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure in


filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/16/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 


A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/16/2019 (All day) DAILY SERVO GAUGE 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/16/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/16/2019 (All day) DAILY SWIVELS 

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.


4/16/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings

4/16/2019 (All day) STAGE I VASPOR RECOVERY 

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

WEDNESDAY, APRIL 17, 2019

4/17/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/17/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils

4/17/2019 (All day) DAILY Rope Sensor System

4/17/2019 (All day) DAILY CNG STORAGE

4/17/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor

4/17/2019 (All day) DAILY Containment Systems

4/17/2019 (All day) DAILY DIKE BERM FLOORS

4/17/2019 (All day) DAILY DISPENSER HOSES

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/17/2019 (All day) DAILY Dispenser Nozzles

4/17/2019 (All day) DAILY Earthen Dike Walls

4/17/2019 (All day) DAILY FILL PORTS

A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/17/2019 (All day) DAILY FILTER SEPARATORS

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

[4/17/2019 \(All day\) DAILY Flexible Membrane Liners](#)

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

[4/17/2019 \(All day\) DAILY Ground Vehicle Fuel Piping](#)

[4/17/2019 \(All day\) DAILY Magnetostrictive Probes](#)

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

[4/17/2019 \(All day\) DAILY Mechanical Tape Gauges](#)

[4/17/2019 \(All day\) DAILY Point Sensor – Pressure/Vacuum](#)

[4/17/2019 \(All day\) DAILY Point Sensor- Wet](#)

[4/17/2019 \(All day\) DAILY Point Sensor - Dry](#)

[4/17/2019 \(All day\) DAILY Pre-Filter Vessels](#)

A. Open drains under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

[4/17/2019 \(All day\) DAILY Self-Diking or Vaulted Tank Containment](#)

[4/17/2019 \(All day\) DAILY SERVO GAUGE](#)

[4/17/2019 \(All day\) DAILY SIGHT FLOW INDICATORS](#)

[4/17/2019 \(All day\) DAILY SWIVELS](#)

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

[4/17/2019 \(All day\) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING](#)

A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings

[4/17/2019 \(All day\) STAGE I VASPOR RECOVERY](#)

THURSDAY, APRIL 18, 2019

[4/18/2019 \(All day\) AT EACH USE: Steam Type Heating Coils](#)

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/18/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils

4/18/2019 (All day) DAILY Rope Sensor System

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/18/2019 (All day) DAILY CNG STORAGE

4/18/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor

4/18/2019 (All day) DAILY Containment Systems

A. Inspect containment systems for cleanliness, if accessible

4/18/2019 (All day) DAILY DIKE BERM FLOORS

4/18/2019 (All day) DAILY DISPENSER HOSES

4/18/2019 (All day) DAILY Dispenser Nozzles

4/18/2019 (All day) DAILY Earthen Dike Walls

4/18/2019 (All day) DAILY FILL PORTS

4/18/2019 (All day) DAILY FILTER SEPARATORS

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/18/2019 (All day) DAILY Flexible Membrane Liners

4/18/2019 (All day) DAILY Ground Vehicle Fuel Piping

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/18/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/18/2019 (All day) DAILY Mechanical Tape Gauges 

4/18/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/18/2019 (All day) DAILY Point Sensor- Wet 


4/18/2019 (All day) DAILY Point Sensor - Dry 


A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present


4/18/2019 (All day) DAILY Pre-Filter Vessels 


A. Open drains under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/18/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

4/18/2019 (All day) DAILY SERVO GAUGE 

4/18/2019 (All day) DAILY SIGHT FLOW INDICATORS 

4/18/2019 (All day) DAILY SWIVELS 

4/18/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

4/18/2019 (All day) STAGE I VASPOR RECOVERY 

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

FRIDAY, APRIL 19, 2019

4/19/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/19/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/19/2019 (All day) DAILY Rope Sensor System

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/19/2019 (All day) DAILY CNG STORAGE

4/19/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor

4/19/2019 (All day) DAILY Containment Systems

4/19/2019 (All day) DAILY DIKE BERM FLOORS

4/19/2019 (All day) DAILY DISPENSER HOSES


4/19/2019 (All day) DAILY Dispenser Nozzles

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.


4/19/2019 (All day) DAILY Earthen Dike Walls

4/19/2019 (All day) DAILY FILL PORTS

4/19/2019 (All day) DAILY FILTER SEPARATORS 

4/19/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/19/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/19/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/19/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/19/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/19/2019 (All day) DAILY Point Sensor- Wet 

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/19/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/19/2019 (All day) DAILY Pre-Filter Vessels 

A. Open drains under flow conditions until clear fuel is observed from the drain valve.


B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/19/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 


A. Secondary containment structures

on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/19/2019 (All day) DAILY SERVO GAUGE 

4/19/2019 (All day) DAILY SIGHT FLOW INDICATORS 


A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/19/2019 (All day) DAILY SWIVELS 


4/19/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

4/19/2019 (All day) STAGE I VASPOR RECOVERY 

SATURDAY, APRIL 20, 2019

4/20/2019 (All day) AT EACH USE: Steam Type Heating Coils 


A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.


4/20/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/20/2019 (All day) DAILY Rope Sensor System 

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/20/2019 (All day) DAILY CNG STORAGE 

4/20/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has

taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/20/2019 (All day) DAILY Containment Systems 

A. Inspect containment systems for cleanliness, if accessible

4/20/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/20/2019 (All day) DAILY DISPENSER HOSES 

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/20/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/20/2019 (All day) DAILY Earthen Dike Walls 

A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/20/2019 (All day) DAILY FILL PORTS 🔄

A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/20/2019 (All day) DAILY FILTER SEPARATORS 🔄

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/20/2019 (All day) DAILY Flexible Membrane Liners 🔄

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/20/2019 (All day) DAILY Ground Vehicle Fuel Piping 🔄

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/20/2019 (All day) DAILY Magnetostrictive Probes 🔄

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/20/2019 (All day) DAILY Mechanical Tape Gauges 🔄

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/20/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 🔄

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/20/2019 (All day) DAILY Point Sensor- Wet ☞

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/20/2019 (All day) DAILY Point Sensor - Dry ☞

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/20/2019 (All day) DAILY Pre-Filter Vessels ☞

A. Open drains under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/20/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment ☞

A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/20/2019 (All day) DAILY SERVO GAUGE ☞

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/20/2019 (All day) DAILY SIGHT FLOW INDICATORS ☞

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/20/2019 (All day) DAILY SWIVELS ☞

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/20/2019 (All day) QUATERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ☞

A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings

4/20/2019 (All day) STAGE I VASPOR RECOVERY ☞

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

SUNDAY, APRIL 21, 2019

4/21/2019 (All day) AT EACH USE: Steam Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/21/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/21/2019 (All day) DAILY Rope Sensor System

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/21/2019 (All day) DAILY CNG STORAGE

4/21/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.
B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/21/2019 (All day) DAILY Containment Systems

A. Inspect containment systems for cleanliness, if accessible

4/21/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/21/2019 (All day) DAILY DISPENSER HOSES 


A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/21/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/21/2019 (All day) DAILY Earthen Dike Walls 

A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/21/2019 (All day) DAILY FILL PORTS 

A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel


4/21/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of

coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings


4/21/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.


4/21/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/21/2019 (All day) DAILY Magnetostrictive Probes 

4/21/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/21/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/21/2019 (All day) DAILY Point Sensor- Wet 

4/21/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present


4/21/2019 (All day) DAILY Pre-Filter Vessels 

A. Open drains under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.


4/21/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

A. Secondary containment structures on self-diking or vaulted tanks


must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/21/2019 (All day) DAILY SERVO GAUGE 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/21/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/21/2019 (All day) DAILY SWIVELS 


A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/21/2019 (All day) QUATERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 


4/21/2019 (All day) STAGE I VASPOR RECOVERY 

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks


MONDAY, APRIL 22, 2019


4/22/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/22/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/22/2019 (All day) DAILY Rope Sensor System 

4/22/2019 (All day) DAILY CNG STORAGE 

4/22/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of

seals, joints or cracks in the concrete.
B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/22/2019 (All day) DAILY Containment Systems 

4/22/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/22/2019 (All day) DAILY DISPENSER HOSES 

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/22/2019 (All day) DAILY Dispenser Nozzles 

4/22/2019 (All day) DAILY Earthen Dike Walls 


A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/22/2019 (All day) DAILY FILL PORTS 

4/22/2019 (All day) DAILY FILTER SEPARATORS 

4/22/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/22/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/22/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears

to be accurate

4/22/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/22/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 


A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.


4/22/2019 (All day) DAILY Point Sensor- Wet 

4/22/2019 (All day) DAILY Point Sensor - Dry 


4/22/2019 (All day) DAILY Pre-Filter Vessels 

4/22/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

4/22/2019 (All day) DAILY SERVO GAUGE 

4/22/2019 (All day) DAILY SIGHT FLOW INDICATORS 


A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/22/2019 (All day) DAILY SWIVELS 

4/22/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

4/22/2019 (All day) STAGE I VASPOR RECOVERY 


4/22/2019 (All day) WEEKLY ABOVEGROUND PIPING 

4/22/2019 (All day) WEEKLY Emergency Eyewash/ Showers 

4/22/2019 (All day) WEEKLY High Point Vents 


4/22/2019 (All day) WEEKLY Loading Fuel Hoses 

A. Visually inspect hoses for loose covers, cracks, brittle surface coatings, exposed wire braids, exposed reinforcement, flattening, kinks, and bulges or soft spots which might indicate broken or displaced reinforcement


4/22/2019 (All day) WEEKLY Low Point Drains PITS 

A. Visually inspect low point drains. Ensure that quick-disconnect dust caps are in place and that valves are locked closed.

TUESDAY, APRIL 23, 2019

4/23/2019 (All day) AT EACH USE: Steam Type Heating Coils 


A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.


4/23/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/23/2019 (All day) DAILY Rope Sensor System 

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/23/2019 (All day) DAILY CNG STORAGE 

4/23/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/23/2019 (All day) DAILY Containment Systems 

A. Inspect containment systems for cleanliness, if accessible

4/23/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All


vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/23/2019 (All day) DAILY DISPENSER HOSES 

4/23/2019 (All day) DAILY Dispenser Nozzles 

4/23/2019 (All day) DAILY Earthen Dike Walls 


A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/23/2019 (All day) DAILY FILL PORTS 


A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budges, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/23/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.
B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/23/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/23/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/23/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/23/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate


4/23/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

4/23/2019 (All day) DAILY Point Sensor- Wet 

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.


4/23/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present


4/23/2019 (All day) DAILY Pre-Filter Vessels 

4/23/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 


A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/23/2019 (All day) DAILY SERVO GAUGE 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/23/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks


4/23/2019 (All day) DAILY SWIVELS 

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/23/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

4/23/2019 (All day) STAGE I VASPOR RECOVERY 

WEDNESDAY, APRIL 24, 2019

4/24/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/24/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils

4/24/2019 (All day) DAILY Rope Sensor System

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/24/2019 (All day) DAILY CNG STORAGE

4/24/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor

4/24/2019 (All day) DAILY Containment Systems

4/24/2019 (All day) DAILY DIKE BERM FLOORS

4/24/2019 (All day) DAILY DISPENSER HOSES

4/24/2019 (All day) DAILY Dispenser Nozzles

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/24/2019 (All day) DAILY Earthen Dike Walls

A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.


4/24/2019 (All day) DAILY FILL PORTS

A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill


bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/24/2019 (All day) DAILY FILTER SEPARATORS 

- A. Open drain under flow conditions until clear fuel is observed from the drain valve.
- B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/24/2019 (All day) DAILY Flexible Membrane Liners 

- A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/24/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/24/2019 (All day) DAILY Magnetostrictive Probes 

- A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/24/2019 (All day) DAILY Mechanical Tape Gauges 

4/24/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

- A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/24/2019 (All day) DAILY Point Sensor- Wet 

- A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/24/2019 (All day) DAILY Point Sensor - Dry 


4/24/2019 (All day) DAILY Pre-Filter Vessels 


- A. Open drains under flow conditions until clear fuel is observed from the drain valve.
- B. Monitor differential pressure in

filter cartridges. Chart differential pressure measurements from readings taken during normal operations.


4/24/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.


4/24/2019 (All day) DAILY SERVO GAUGE 

4/24/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/24/2019 (All day) DAILY SWIVELS 

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.


4/24/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings


4/24/2019 (All day) STAGE I VASPOR RECOVERY 

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

THURSDAY, APRIL 25, 2019

4/25/2019 (All day) AT EACH USE: Steam Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.


4/25/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 


A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range,

usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/25/2019 (All day) DAILY Rope Sensor System 

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/25/2019 (All day) DAILY CNG STORAGE 

4/25/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

4/25/2019 (All day) DAILY Containment Systems 

4/25/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/25/2019 (All day) DAILY DISPENSER HOSES 

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/25/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/25/2019 (All day) DAILY Earthen Dike Walls 


4/25/2019 (All day) DAILY FILL PORTS 

4/25/2019 (All day) DAILY FILTER SEPARATORS 

- A. Open drain under flow conditions until clear fuel is observed from the drain valve.
- B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/25/2019 (All day) DAILY Flexible Membrane Liners 

- A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/25/2019 (All day) DAILY Ground Vehicle Fuel Piping 

- A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/25/2019 (All day) DAILY Magnetostrictive Probes 

- A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/25/2019 (All day) DAILY Mechanical Tape Gauges 

- A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/25/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

- A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.


4/25/2019 (All day) DAILY Point Sensor- Wet 


- A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/25/2019 (All day) DAILY Point Sensor - Dry 


4/25/2019 (All day) DAILY Pre-Filter Vessels 

4/25/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 


4/25/2019 (All day) DAILY SERVO GAUGE 

4/25/2019 (All day) DAILY SIGHT FLOW INDICATORS 

A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/25/2019 (All day) DAILY SWIVELS 


A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.


4/25/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings


4/25/2019 (All day) STAGE I VASPOR RECOVERY 


FRIDAY, APRIL 26, 2019

4/26/2019 (All day) AT EACH USE: Steam Type Heating Coils 

4/26/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/26/2019 (All day) DAILY Rope Sensor System 

4/26/2019 (All day) DAILY CNG STORAGE 

4/26/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

4/26/2019 (All day) DAILY Containment Systems 

4/26/2019 (All day) DAILY DIKE BERM FLOORS 

4/26/2019 (All day) DAILY DISPENSER HOSES 

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.


4/26/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear.


Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/26/2019 (All day) DAILY Earthen Dike Walls 

A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/26/2019 (All day) DAILY FILL PORTS 

4/26/2019 (All day) DAILY FILTER SEPARATORS 

4/26/2019 (All day) DAILY Flexible Membrane Liners 

4/26/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/26/2019 (All day) DAILY Magnetostrictive Probes 

4/26/2019 (All day) DAILY Mechanical Tape Gauges 

A. Visually check that a liquid level is indicated and that the measurement appears to be accurate

4/26/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

4/26/2019 (All day) DAILY Point Sensor- Wet 


A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/26/2019 (All day) DAILY Point Sensor - Dry 

4/26/2019 (All day) DAILY Pre-Filter Vessels 


4/26/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 


A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/26/2019 (All day) DAILY SERVO GAUGE 

A. Visually inspect the gauge to ensure the power is on, there are

no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate


4/26/2019 (All day) DAILY SIGHT FLOW INDICATORS 

4/26/2019 (All day) DAILY SWIVELS 


4/26/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING 

4/26/2019 (All day) STAGE I VASPOR RECOVERY 

SATURDAY, APRIL 27, 2019


4/27/2019 (All day) AT EACH USE: Steam Type Heating Coils 


A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/27/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/27/2019 (All day) DAILY Rope Sensor System 

4/27/2019 (All day) DAILY CNG STORAGE 

4/27/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

4/27/2019 (All day) DAILY Containment Systems 

A. Inspect containment systems for cleanliness, if accessible

4/27/2019 (All day) DAILY DIKE BERM FLOORS 

4/27/2019 (All day) DAILY DISPENSER HOSES 

4/27/2019 (All day) DAILY Dispenser Nozzles 


A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no


cracks, or excessive wear.
Inspect automatic shutoff hole.
Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/27/2019 (All day) DAILY Earthen Dike Walls 

4/27/2019 (All day) DAILY FILL PORTS 

4/27/2019 (All day) DAILY FILTER SEPARATORS 

4/27/2019 (All day) DAILY Flexible Membrane Liners 

4/27/2019 (All day) DAILY Ground Vehicle Fuel Piping 

4/27/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/27/2019 (All day) DAILY Mechanical Tape Gauges 

4/27/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/27/2019 (All day) DAILY Point Sensor- Wet 

4/27/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/27/2019 (All day) DAILY Pre-Filter Vessels 

4/27/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/27/2019 (All day) DAILY SERVO GAUGE ↻

4/27/2019 (All day) DAILY SIGHT FLOW INDICATORS ↻

4/27/2019 (All day) DAILY SWIVELS ↻

4/27/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ↻

4/27/2019 (All day) STAGE I VASPOR RECOVERY ↻

SUNDAY, APRIL 28, 2019

4/28/2019 (All day) AT EACH USE: Steam Type Heating Coils ↻

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/28/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils ↻

A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. All external valves, fittings, and other components must be inspected for visible signs of leaks during operation.

4/28/2019 (All day) DAILY Rope Sensor System ↻

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/28/2019 (All day) DAILY CNG STORAGE ↻

4/28/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor ↻

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.
B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent

further penetration of the wall structure

4/28/2019 (All day) DAILY Containment Systems 

A. Inspect containment systems for cleanliness, if accessible

4/28/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/28/2019 (All day) DAILY DISPENSER HOSES 

A. Inspect dispenser hoses and hose whips for gouges, cuts, blisters, or outside wear that may lead to rupture during use. Replace hose or hose whips that show signs of wear. Inspect connection points of hoses and hose whips to the dispenser, breakaways, swivels, and the nozzle and ensure the connection points are clean and free of fuel.

4/28/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.

4/28/2019 (All day) DAILY Earthen Dike Walls 

A. Inspect for vegetation that has taken root. All vegetation must be removed in all cases.

4/28/2019 (All day) DAILY FILL PORTS 


A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budges, or holes. Ensure the spill bucket is clean of dirt,

trash, water, and fuel

4/28/2019 (All day) DAILY FILTER SEPARATORS 

A. Open drain under flow conditions until clear fuel is observed from the drain valve.

B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/28/2019 (All day) DAILY Flexible Membrane Liners 

A. Remove vegetation growing in the gravel and dirt, taking note if the roots have penetrated the FML.

4/28/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/28/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/28/2019 (All day) DAILY Mechanical Tape Gauges 

4/28/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/28/2019 (All day) DAILY Point Sensor- Wet 

A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/28/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/28/2019 (All day) DAILY Pre-Filter Vessels ☞

- A. Open drains under flow conditions until clear fuel is observed from the drain valve.
- B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/28/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment ☞

- A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/28/2019 (All day) DAILY SERVO GAUGE ☞

- A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/28/2019 (All day) DAILY SIGHT FLOW INDICATORS ☞

- A. Verify there are no leaks around pipe connection fittings and glass seals. Also check glass for indications of cracks

4/28/2019 (All day) DAILY SWIVELS ☞

- A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/28/2019 (All day) QUATERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ☞

- A. Visually inspect coatings for signs of deterioration, corrosion or damage. Repair damaged or deteriorated coatings

4/28/2019 (All day) STAGE I VASPOR RECOVERY ☞


- A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

MONDAY, APRIL 29, 2019


4/29/2019 (All day) AT EACH USE: Steam Type Heating Coils ☞


- A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F

(65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/29/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/29/2019 (All day) DAILY Rope Sensor System 

4/29/2019 (All day) DAILY CNG STORAGE 

4/29/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure

4/29/2019 (All day) DAILY Containment Systems 

A. Inspect containment systems for cleanliness, if accessible

4/29/2019 (All day) DAILY DIKE BERM FLOORS 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

4/29/2019 (All day) DAILY DISPENSER HOSES 

4/29/2019 (All day) DAILY Dispenser Nozzles 

A. Inspect dispenser nozzle spout. Ensure it is tight, round, has no cracks, or excessive wear. Inspect automatic shutoff hole. Ensure the hole is open and free of obstructions. Inspect nozzle hold-open latch. Ensure the latch is straight, moves freely, and the return spring operates correctly. Inspect body of nozzle. Ensure the body is in good condition and that the valve stem is clean and free of fuel. Inspect the nozzle to hose connection and ensure it is clean and free of fuel.


4/29/2019 (All day) DAILY Earthen Dike Walls 

4/29/2019 (All day) DAILY FILL PORTS 

A. Ensure fill port covers are installed and are not damaged or broken. Ensure fill port covers are identified by fuel type and are installed on the correct tank. Visually inspect the fill port spill bucket to ensure there are no cracks, budes, or holes. Ensure the spill bucket is clean of dirt, trash, water, and fuel

4/29/2019 (All day) DAILY FILTER SEPARATORS 

4/29/2019 (All day) DAILY Flexible Membrane Liners 

4/29/2019 (All day) DAILY Ground Vehicle Fuel Piping 

A. Visually inspect aboveground lines for leaks. Shut down systems that are found with leaks and repair

4/29/2019 (All day) DAILY Magnetostrictive Probes 

A. Visually inspect the gauge to ensure the power is on, there are no warning alarms or lights and a liquid measurement is indicated and the tank level reading appears to be accurate

4/29/2019 (All day) DAILY Mechanical Tape Gauges 

4/29/2019 (All day) DAILY Point Sensor – Pressure/Vacuum 

A. Ensure the monitoring panel associated with the pressure/vacuum point sensor(s) is powered on and no alarms are present.

4/29/2019 (All day) DAILY Point Sensor- Wet 

4/29/2019 (All day) DAILY Point Sensor - Dry 

A. Ensure the monitoring panel associated with the point sensor(s) is powered on and no alarms are present

4/29/2019 (All day) DAILY Pre-Filter Vessels 

4/29/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment 

A. Secondary containment structures on self-diking or vaulted tanks must be inspected visually for integrity breaches with special attention given to pipe penetrations and interstitial drain valves.

4/29/2019 (All day) DAILY SERVO GAUGE ↻

4/29/2019 (All day) DAILY SIGHT FLOW INDICATORS ↻

4/29/2019 (All day) DAILY SWIVELS ↻

A. Inspect swivel for loose connections and signs of damage. Ensure swivel rotates easily and is clean and free of fuel.

4/29/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ↻

4/29/2019 (All day) STAGE I VASPOR RECOVERY ↻

A. Inspect vapor recovery hoses for gouges, cuts or outside wear that may result in vapor leaks

4/29/2019 (All day) WEEKLY ABOVEGROUND PIPING ↻

A. Conduct petroleum fuel piping visual inspection in accordance with [Section 6-1.5 Pipeline Visual Inspection](#).

4/29/2019 (All day) WEEKLY Emergency Eyewash/ Showers ↻

A. Test operation of the emergency eyewash/shower by pushing on the activation handles. Ensure the water is not brown in color, due to rust in the piping or dirt seeping in from a hole in the buried piping. For systems with tempered water, ensure that the water that is being supplied by the emergency eyewash/shower is between 60 and 100 degrees F (16 and 39 degrees C). For systems with a horn and strobe light, ensure that the horn and strobe light activate when the activation lever on the emergency eyewash/shower is pushed. For systems that interface with Installation or fire emergency systems, pre-coordinate before testing. At some Installations emergency eyewashes and showers act as EFSOs and are tied into the fire alarm systems.

4/29/2019 (All day) WEEKLY High Point Vents ↻


A. Inspect high point vents. If fuel leaks are observed they should be repaired as soon as possible. Ensure that quick-disconnect dust caps are in place and that high point vent valves are locked.

4/29/2019 (All day) WEEKLY Loading Fuel Hoses ↻


4/29/2019 (All day) WEEKLY Low Point Drains PITS ↻

A. Visually inspect low point drains.
Ensure that quick-disconnect dust caps are in place and that valves are locked closed.

TUESDAY, APRIL 30, 2019


4/30/2019 (All day) AT EACH USE: Steam Type Heating Coils 


A. Observe the regulating valve and check it against a thermometer to be sure that it controls the tank temperature within a safe range, usually not over 150 degrees F (65 degrees C) for No. 6 burner fuel oil. Steam traps must be inspected for proper operation to ensure condensate is evacuated from the steam coil.

4/30/2019 (All day) AT EACH USE: Thermal Fluid Type Heating Coils 

4/30/2019 (All day) DAILY Rope Sensor System 

A. Ensure the monitoring panel associated with the rope sensor(s) is powered on and no alarms are present.

4/30/2019 (All day) DAILY CNG STORAGE 

4/30/2019 (All day) DAILY Concrete and Cement Brick Dike/Berm Walls and Floor 

A. Inspect for vegetation that has taken root in seals or cracks. All vegetation must be removed in all cases to prevent penetration of seals, joints or cracks in the concrete.

B. Inspect walls constructed of bricks for signs of deterioration (e.g., spalling caused by freeze-thaw conditions, cracks, and joint cracks between bricks). Walls constructed of bricks must be patched immediately to prevent further penetration of the wall structure


4/30/2019 (All day) DAILY Containment Systems 

4/30/2019 (All day) DAILY DIKE BERM FLOORS 

4/30/2019 (All day) DAILY DISPENSER HOSES 

4/30/2019 (All day) DAILY Dispenser Nozzles 

4/30/2019 (All day) DAILY Earthen Dike Walls 

4/30/2019 (All day) DAILY FILL PORTS 

4/30/2019 (All day) DAILY FILTER SEPARATORS ☞

- A. Open drain under flow conditions until clear fuel is observed from the drain valve.
- B. Monitor differential pressure of coalescer cartridges. The acceptable maximum differential pressure for a specific filter/separator is dependent on the system flow rate. Monitor and chart differential pressure measurements of filter separators from readings taken during normal operations. Investigate sudden drops or spikes in differential pressure measurement readings

4/30/2019 (All day) DAILY Flexible Membrane Liners ☞

4/30/2019 (All day) DAILY Ground Vehicle Fuel Piping ☞

4/30/2019 (All day) DAILY Magnetostrictive Probes ☞

4/30/2019 (All day) DAILY Mechanical Tape Gauges ☞

4/30/2019 (All day) DAILY Point Sensor – Pressure/Vacuum ☞

4/30/2019 (All day) DAILY Point Sensor- Wet ☞

- A. Ensure the monitoring panel associated to the wet point sensor(s) is powered on and no alarms are present.

4/30/2019 (All day) DAILY Point Sensor - Dry ☞

4/30/2019 (All day) DAILY Pre-Filter Vessels ☞

- A. Open drains under flow conditions until clear fuel is observed from the drain valve.
- B. Monitor differential pressure in filter cartridges. Chart differential pressure measurements from readings taken during normal operations.

4/30/2019 (All day) DAILY Self-Diking or Vaulted Tank Containment ☞

4/30/2019 (All day) DAILY SERVO GAUGE ☞

4/30/2019 (All day) DAILY SIGHT FLOW INDICATORS ☞

4/30/2019 (All day) DAILY SWIVELS ☞

4/30/2019 (All day) QUARTERLY ABOVEGROUND PIPING AND EQUIPMENT COATING ☞

4/30/2019 (All day) STAGE I VASPOR RECOVERY ☞