

**Fuel Calibration Tank Farm
Maintenance Checklist**



Inspection Date:

Performed By:

Next Inspection Due:

Condition Assessment Ratings

Satisfactory	S
Unsatisfactory	X
Comment	C
Not In Service	N/S
Not Applicable	N/A

General Condition Assessment	Rating	Notes
General Condition of Tank Yard		
Mechanical		
Fittings/Piping/Valves/Couplers/Swivels		
Valve Position Indicators		
Dust Covers/Caps/Tethers		
Signs/Labels		
Sampling Ports		
Emergency Stop Switch (s)		
Pump Control Switches/Indicator Lamps		
Fuel/Defuel Switches/Indicator Lamps		
Static Reels, Cables, and Clamps		
Fuel Delivery Hose/Cam Lock Connection		
Fuel Truck Fill Hose		
Fuel Truck Filling Nozzle		
Deadman/Twin line Hose/Reel		
Waste Fuel Single Point Connection		
Return Fuel Single Point Connection		
Relaxion Tank		
Fire Valves		
Filter Vessel 1- Sight Glass-Heater-Water Defense System-Slug Valve-Air Eliminators		Date Filters Changed:(_____) Water Defense Tested:(_____)
Filter Vessel 2- Sight Glass-Heater-Water Defense System-Slug Valve-Air Eliminators		Date Filters Changed:(_____) Water Defense Tested:(_____)
Filter Vessel 3A- Sight Glass-Heater-Water Defense System-Slug Valve-Air Eliminators		Date Filters Changed:(_____) Water Defense Tested:(_____)
Filter Vessel 3B- Sight Glass-Heater-Water Defense System-Slug Valve-Air Eliminators		Date Filters Changed:(_____) Water Defense Tested:(_____)
Filter Vessel 4- Sight Glass-Heater-Water Defense System-Slug Valve-Air Eliminators		Date Filters Changed:(_____) Water Defense Tested:(_____)
Tank Supports		
Differential Pressure Indicators		
Air System /Switches/Valves		

Pump 1, Gear box, sealed motor		
Pump 2, Direct drive, sealed motor		
Pump 3A, Direct drive, sealed motor		
Pump 3B, Direct drive, sealed motor		
Pump 4, Direct drive, sealed motor		
LC Receiving Flowmeter		Calibration Due:
Sump Tank System-Heater-Pump-Switches		
Storage Tank/Filter Vessel Sump System-Pump-Switch		
Anti-Icing Aviation Fuel Additive System-Tank-Sight Glass-Vent Drier-Digital Display		
Anti-Icing Aviation Fuel Additive System Injection Pump		
Tank 1-Exterior-Fire Valves-Primary Vent-Secondary Vent-Floating Suction Pickup-Level Sensor		Inspection Performed:() Tank Cleaning Due:()
Tank 2-Exterior-Fire Valves-Primary Vent-Secondary Vent-Floating Suction Pickup-Level Sensor		Inspection Performed:() Tank Cleaning Due:()
Tank 3-Exterior-Fire Valves-Primary Vent-Secondary Vent-Floating Suction Pickup-Level Sensor		Inspection Performed:() Tank Cleaning Due:()
Tank 4-Exterior-Fire Valves-Primary Vent-Secondary Vent-Floating Suction Pickup-Level Sensor		Inspection Performed:() Tank Cleaning Due:()
Tank 5-Exterior-Fire Valves-Primary Vent-Secondary Vent-Level Sensor		Inspection Performed:() Tank Cleaning Due:()
Tank 1,2,3,4,5 visual level indicators		
Service Items	Performed? Y/N	Notes: M=Monthly/Q= Quarterly/A=Annually
Underwing Truck Fill Nozzle Filter/Screen-Clean/Inspect		(M)
Fuel Bulk Delivery Line- Clean Strainer		(M)
Filter Vessel 1-Facet (CM-33SB-5) (5) Facet (SM-30FE-5) (2)-Filter Change		(A)
Filter Vessel 1-Differential Pressure Read		(M) Recorded DP(____ PSI)
Filter Vessel 1-Water Defense System Test		(M)
Filter Vessel 1-Test Heater/Verify Indicator Lamp Operation		(M)
Filter Vessel 2-Facet (CM-33SB-5) (5) Facet (SM-30FE-5) (2)-Filter Change		(A)
Filter Vessel 2-Differential Pressure Read		(M) Recorded DP(____ PSI)
Filter Vessel 2-Water Defense System Test		(M)
Filter Vessel 2-Test Heater/Verify Indicator Lamp Operation		(M)
Filter Vessel 3A-Facet (CM-33SB-5) (5) Facet (SM-30FE-5) (2)-Filter Change		(A)
Filter Vessel 3A-Differential Pressure Read		(M) Recorded DP(____ PSI)
Filter Vessel 3A-Water Defense System Test		(M)
Filter Vessel 3A-Test Heater/Verify Indicator Lamp Operation		(M)
Filter Vessel 3B-Facet (CM-33SB-5) (5) Facet (SM-30FE-5) (2)-Filter Change		(A)

Filter Vessel 3B-Differential Pressure Read		(M) Recorded DP(____ PSI)
Filter Vessel 3B-Water Defense System Test		(M)
Filter Vessel 3B-Test Heater/Verify Indicator Lamp Operation		(M)
Filter Vessel 4-Facet (CM-33SB-5) (5) Facet (SM-30FE-5) (2)-Filter Change		(A)
Filter Vessel 4-Differential Pressure Read		(M) Recorded DP(____ PSI)
Filter Vessel 4-Water Defense System Test		(M)
Filter Vessel 4-Test Heater/Verify Indicator Lamp Operation		(M)
Sump Reclaimer-(Facet FG-O-609-7)- Change Filter		(M)
Pump 1-Verify Operation		(M)
Pump 1-Coupling Inspection		(M)
Pump 2-Verify Operation		(M)
Pump 2-Coupling Inspection		(M)
Pump 3A-Verify Operation		(M)
Pump 3A-Coupling Inspection		(M)
Pump 3B-Verify Operation		(M)
Pump 3B-Coupling Inspection		(M)
Pump 4-Verify Operation		(M)
Pump 4-Coupling Inspection		(M)
Sump Tank Pump-Verify Operation		(M)
Storage Tank/Filter Vessel Sump Pump-Verify Operation		(M)
De-icer Additive Injection Pump Inlet Strainer-Clean/Inspect		(M)
De-icer Additive Injection Pump-Inspect/Service per OEM schedule		(M)
De-icer Additive Injection Tank Vent-Inspect/Replace Desiccant		(M)
Tank 1-Test Level Sensors/High Level Alarm		(M)
Tank 1-Interior Cleaning		(A)
Tank 2-Test Level Sensors/High Level Alarm		(M)
Tank 2-Interior Cleaning		(A)
Tank 3-Test Level Sensors/High Level Alarm		(M)
Tank 3-Interior Cleaning		(A)
Tank 4-Test Level Sensors/High Level Alarm		(M)
Tank 4-Interior Cleaning		(A)
Tank 5-Test Level Sensors/High Level Alarm		(M)
Tank 5-Interior Cleaning		(A)
Deadman Control-Test		(M)
Grounding Reel Ohmic Check		(M) Resistance Reading (____ Ohms) Due:
Exercise Fire Valves		(A)
Hose Reels-Lubrication Points- Grease ALL		(M)

Emergency Stop Switch-Test		(M)
Tank Management System- Perform Self Diagnostic Test		(M)
Inspection Date Label Replacement-ALL		(M)
Signature:		
Print:		
Date:		