

Date of Service:	5/2/2017		
Service Location:	17602 - City of Richmond	Bill to Location:	City of Richmond - Department of Public Utilities
	3502 North Hopkins Rd		Ron Ellis Division of Energy Services Warehouse Annex
	Richmond, VA 23224		Richmond, VA 23224
Project Details: 17602.01 City of Richmond			

Date	Activity	Item / Description	Qty/Hrs
5/2/2017	Travel	Kyle Anderson	2.332
5/2/2017	Utilize	Kyle Anderson	3.691

Service Order Reason:	Site Inspection
Service Order Notes:	Inspection
Station Operational:	Yes

Service Object	CITY OF RICHMOND SITE
Service Object	CITY OF RICHMOND COMP01
Service Object	CITY OF RICHMOND COMP02
Service Object	CITY OF RICHMOND MOTOR01
Service Object	CITY OF RICHMOND MOTOR02
Service Object	CITY OF RICHMOND STOR01
Service Object	CITY OF RICHMOND STOR02
Service Object	CITY OF RICHMOND DRY01
Service Object	CITY OF RICHMOND TIME FILL01
Service Object	CITY OF RICHMOND PRIORITY01
Service Object	CITY OF RICHMOND MCC01

Workflow	Section	Service Object	Question	Response
Accept Service Order	Accept/In-Transit		Accept Service Order?	Yes (May 2 2017 4:15AM)
			In-Transit to the service location?	Yes
			Is this Service Order being done on Overtime?	No
Arrived On-site (Inspection)	Site Inspection (New)	CITY OF RICHMOND SITE	Arrived at the service location	Yes (May 2 2017 6:35AM)
			FOR COMMISSIONING ONLY: Update GPS for Location. Prefer to do so while located near retail dispenser if applicable.	No
			Is the service log book available for review?	Yes
			Has the log been kept up to date and completed properly? Note any issues.	Yes
			Check the service log for History/outstanding items that require attention.	Yes
			Is there a MSA reading to record?	Yes
			Please enter MSA meter #1 reading	623,801.0
			Is there a electric meter reading to record?	Yes
Please enter electric meter #1 reading	555,578.0			

Workflow	Section	Service Object	Question	Response
	Site Inspection (New)	CITY OF RICHMOND SITE	Check area lighting.	Yes
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Check all site signage?	Yes
		CITY OF RICHMOND SITE	Check the entire site for visible damage.	Yes
		CITY OF RICHMOND SITE	Check all priority panel valves, gauges, transmitters, etc. for leaks and corrosion and verify priority panel operation.	Yes
		CITY OF RICHMOND SITE	Verify ESD button(s) function.	Yes
		CITY OF RICHMOND SITE	Verify with WM Supervisor/Manager that they received an email.	No
		CITY OF RICHMOND SITE	Reason:	not a WM site
		CITY OF RICHMOND SITE	Verified gas inlet actuator valve and compressor inlet valves are closed upon ESD activation.	Yes
		CITY OF RICHMOND SITE	Inspect all fire extinguisher's to ensure they are charged and inspection tags are up to date.	Yes
		CITY OF RICHMOND SITE	Visually inspect HMI for proper function (i.e. function buttons, display contrast, etc.).	Yes
		CITY OF RICHMOND SITE	Verify start/stop time-fill pressure settings and adjust as necessary for seasonal conditions. (TIME-FILL SITE ONLY)	Yes
		CITY OF RICHMOND SITE	Enter current time-fill start pressure.	3200
		CITY OF RICHMOND SITE	Enter current time-fill target pressure.	3850
		CITY OF RICHMOND SITE	Note general site conditions and any needed future maintenance.	ESD at front gate of site damaged j box and conduit caused by improper bracing, causing conduit to contact site gate.
	Compressor Inspection	CITY OF RICHMOND COMP01	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP01	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Check the oil level in crankcase & day tank.	Yes
		CITY OF RICHMOND COMP01	Did you add any oil? Fill to the full mark each time.	No
		CITY OF RICHMOND COMP01	Any abnormal sounds and/or vibrations from equipment?	No

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP01	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP01	Weigh oil and record (Measure in grams)	550.0
		CITY OF RICHMOND COMP01	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes
		CITY OF RICHMOND COMP01	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP01	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP01	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP01	Any leaks or corrosion found?	No
		CITY OF RICHMOND COMP01	Notes: Document any issues and fixes	no issues to note
		CITY OF RICHMOND COMP02	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP02	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND COMP02	Any leaks found?	No
		CITY OF RICHMOND COMP02	Check the oil level in crankcase & day tank.	Yes
		CITY OF RICHMOND COMP02	Did you add any oil? Fill to the full mark each time.	No
		CITY OF RICHMOND COMP02	Any abnormal sounds and/or vibrations from equipment?	No
		CITY OF RICHMOND COMP02	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP02	Weigh oil and record (Measure in grams)	550.0
		CITY OF RICHMOND COMP02	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes
		CITY OF RICHMOND COMP02	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP02	Inspect all relief valves for Leaks?	Yes

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP02	Any leaks found?	No
		CITY OF RICHMOND COMP02	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP02	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP02	Any leaks or corrosion found?	No
		CITY OF RICHMOND COMP02	Notes: Document any issues and fixes	compressor 2 seems to be passing less oil than normal. will continue to monitor.
	Dryer Inspection	CITY OF RICHMOND SITE	Dryer dew point	0
		CITY OF RICHMOND SITE	Drain all dryer pre/after filter housings.	Yes
		CITY OF RICHMOND SITE	Check differential pressure across pre-filter and after-filter elements. Replace if required when gauge is approaching RED zone or 3-5 PSID.	Yes
		CITY OF RICHMOND SITE	Check dew point for reading below -60 F. (If required) Call maintenance planners or create your own dryer regeneration service order.	No
		CITY OF RICHMOND SITE	Visually inspect all reliefs valves for signs of failure and leakage	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Check dryer dew point alarm settings	No
		CITY OF RICHMOND SITE	Notes: Document any issues and fixes	need to troubleshoot dryer. it is not currently able to power on. gas is still running through the desiccant.
		CITY OF RICHMOND SITE	Do you have a Regen test button on your PSB dryer?	No
	Site Cleaning (Routine / Requested)	CITY OF RICHMOND SITE	Clean entire site as needed	Yes
		CITY OF RICHMOND SITE	Clean & wipe dispenser	No
		CITY OF RICHMOND SITE	Empty trash	Yes
		CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Clean card reader	No
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
	Storage Inspection	CITY OF RICHMOND SITE	Check RED locks on PRV's (RED only at CE owned sites), others should have a lock also.	Yes

Workflow	Section	Service Object	Question	Response
	Storage Inspection	CITY OF RICHMOND SITE	Check all PRV's on site for signs of failure or leakage?	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Drain fluid from bottles?	Yes
	Time-fill Posts Inspection	CITY OF RICHMOND SITE	Check hoses & breakaways for the following: Leakage Soft spots or bulges Any excessive abrasions Cuts or cracks that expose or damage reinforcement Kinked or twisted Evidence of fitting displacement 3-way valves Nozzles and valves	Yes
		CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Check to ensure all retractor cords are in place and operational.	Yes
		CITY OF RICHMOND SITE	Note any parking space numbers that needed repairs.	all cords function properly
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	Yes
		CITY OF RICHMOND SITE	Action taken:	found several small leaks on three way valve fittings. tightened and leak checked successfully
		CITY OF RICHMOND SITE	Drain k-rail filter(s)	No
		CITY OF RICHMOND SITE	Notes: Document any issues and fixes	site has no k-rail filters.
	Data Collection w/ 5-Stage Compressor	CITY OF RICHMOND COMP01	Ambient temperature:	72.0
		CITY OF RICHMOND COMP01	Compressor hours. DO NOT ENTER DECIMALS PLEASE	4,310.0
		CITY OF RICHMOND COMP02	Ambient temperature:	72.0
		CITY OF RICHMOND COMP02	Compressor hours. DO NOT ENTER DECIMALS PLEASE	3,828.0
	Storage Inspection	CITY OF RICHMOND SITE	Check RED locks on PRV's (RED only at CE owned sites), others should have a lock also.	Yes
		CITY OF RICHMOND SITE	Check all PRV's on site for signs of failure or leakage?	
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	
		CITY OF RICHMOND SITE	Drain fluid from bottles?	Yes

Technician Notes:	tightened up a few small leaks on k-rail. found ESD at front entrance of site damaged, gate to yard is contacting conduit. the conduit is not properly anchored to concrete pole base. ESD still functions properly, however the j box cover is broken and length of flex conduit is coming un-wrapped allowing wire to be exposed. I will follow up with appropriate action in resolving this discrepancy. Over all the site is in good working order and is fully operational.
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Customer Sign Off	
Signature	
Name	no one available
Date	5/2/2017

Date of Service:	5/26/2017		
Service Location:	17602 - City of Richmond	Bill to Location:	City of Richmond - Department of Public Utilities
	3502 North Hopkins Rd		Ron Ellis Division of Energy Services Warehouse Annex
	Richmond, VA 23224		Richmond, VA 23224
Project Details: 17602.01 City of Richmond			

Date	Activity	Item / Description	Qty/Hrs
5/26/2017	Travel	Kyle Anderson	1.967
5/26/2017	Utilize	Kyle Anderson	3.471

Service Order Reason:	Site Inspection
Service Order Notes:	Inspection
Station Operational:	Yes

Service Object	CITY OF RICHMOND SITE
Service Object	CITY OF RICHMOND COMP01
Service Object	CITY OF RICHMOND COMP02
Service Object	CITY OF RICHMOND MOTOR01
Service Object	CITY OF RICHMOND MOTOR02
Service Object	CITY OF RICHMOND STOR01
Service Object	CITY OF RICHMOND STOR02
Service Object	CITY OF RICHMOND DRY01
Service Object	CITY OF RICHMOND TIME FILL01
Service Object	CITY OF RICHMOND PRIORITY01
Service Object	CITY OF RICHMOND MCC01

Workflow	Section	Service Object	Question	Response
Accept Service Order	Accept/In-Transit		Accept Service Order?	Yes (May 26 2017 4:23AM)
			In-Transit to the service location?	Yes
			Is this Service Order being done on Overtime?	No
Arrived On-site (Inspection)	Arrived/Working		Arrived at the service location	Yes (May 26 2017 6:21AM)
			FOR COMMISSIONING ONLY: Update GPS for Location. Prefer to do so while located near retail dispenser if applicable.	No
	Site Inspection (New)	CITY OF RICHMOND SITE	Is the service log book available for review?	Yes
		CITY OF RICHMOND SITE	Has the log been kept up to date and completed properly? Note any issues.	Yes
		CITY OF RICHMOND SITE	Check the service log for History/outstanding items that require attention.	Yes
		CITY OF RICHMOND SITE	Is there a MSA reading to record?	Yes
		CITY OF RICHMOND SITE	Please enter MSA meter #1 reading	628,009.0
		CITY OF RICHMOND SITE	Is there a electric meter reading to record?	Yes
		CITY OF RICHMOND SITE	Please enter electric meter #1 reading	566,857.0

Workflow	Section	Service Object	Question	Response
	Site Inspection (New)	CITY OF RICHMOND SITE	Check area lighting.	Yes
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Check all site signage?	Yes
		CITY OF RICHMOND SITE	Check the entire site for visible damage.	Yes
		CITY OF RICHMOND SITE	Check all priority panel valves, gauges, transmitters, etc. for leaks and corrosion and verify priority panel operation.	Yes
		CITY OF RICHMOND SITE	Verify ESD button(s) function.	Yes
		CITY OF RICHMOND SITE	Verify with WM Supervisor/Manager that they received an email.	No
		CITY OF RICHMOND SITE	Reason:	not a WM site
		CITY OF RICHMOND SITE	Verified gas inlet actuator valve and compressor inlet valves are closed upon ESD activation.	Yes
		CITY OF RICHMOND SITE	Inspect all fire extinguisher's to ensure they are charged and inspection tags are up to date.	Yes
		CITY OF RICHMOND SITE	Visually inspect HMI for proper function (i.e. function buttons, display contrast, etc.).	Yes
		CITY OF RICHMOND SITE	Verify start/stop time-fill pressure settings and adjust as necessary for seasonal conditions. (TIME-FILL SITE ONLY)	Yes
		CITY OF RICHMOND SITE	Enter current time-fill start pressure.	3200
		CITY OF RICHMOND SITE	Enter current time-fill target pressure.	3850
	Compressor Inspection	CITY OF RICHMOND COMP01	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP01	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Check the oil level in crankcase & day tank.	Yes
		CITY OF RICHMOND COMP01	Did you add any oil? Fill to the full mark each time.	Yes
		CITY OF RICHMOND COMP01	How much oil was added? (Measure in grams)	610
		CITY OF RICHMOND COMP01	Any abnormal sounds and/or vibrations from equipment?	No

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP01	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP01	Weigh oil and record (Measure in grams)	800.0
		CITY OF RICHMOND COMP01	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes
		CITY OF RICHMOND COMP01	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP01	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP01	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP01	Any leaks or corrosion found?	No
		CITY OF RICHMOND COMP02	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP02	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND COMP02	Any leaks found?	Yes
		CITY OF RICHMOND COMP02	Action taken:	small leak found at compressor discharge filter check valve. tightened and currently holding pressure. second time tightening same leak. will replace check valve if leak returns.
		CITY OF RICHMOND COMP02	Check the oil level in crankcase & day tank.	Yes
		CITY OF RICHMOND COMP02	Did you add any oil? Fill to the full mark each time.	Yes
		CITY OF RICHMOND COMP02	How much oil was added? (Measure in grams)	750
		CITY OF RICHMOND COMP02	Any abnormal sounds and/or vibrations from equipment?	No
		CITY OF RICHMOND COMP02	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP02	Weigh oil and record (Measure in grams)	864.0
		CITY OF RICHMOND COMP02	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP02	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP02	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP02	Any leaks found?	No
		CITY OF RICHMOND COMP02	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP02	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP02	Any leaks or corrosion found?	No
	Storage Inspection	CITY OF RICHMOND SITE	Check RED locks on PRV's (RED only at CE owned sites), others should have a lock also.	Yes
		CITY OF RICHMOND SITE	Check all PRV's on site for signs of failure or leakage?	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Drain fluid from bottles?	Yes
		CITY OF RICHMOND SITE	Notes: Document any issues and fixes	opened and re-locked all red locks to ensure they are not corroded shut.
	Site Cleaning (Routine / Requested)	CITY OF RICHMOND SITE	Clean entire site as needed	Yes
		CITY OF RICHMOND SITE	Clean & wipe dispenser	No
		CITY OF RICHMOND SITE	Empty trash	Yes
		CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Clean card reader	No
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
	Dryer Inspection	CITY OF RICHMOND SITE	Dryer dew point	0
		CITY OF RICHMOND SITE	Drain all dryer pre/after filter housings.	Yes
		CITY OF RICHMOND SITE	Check differential pressure across pre-filter and after-filter elements. Replace if required when gauge is approaching RED zone or 3-5 PSID.	Yes
		CITY OF RICHMOND SITE	Check dew point for reading below -60 F. (If required) Call maintenance planners or create your own dryer regeneration service order.	No

Workflow	Section	Service Object	Question	Response
	Dryer Inspection	CITY OF RICHMOND SITE	Visually inspect all reliefs valves for signs of failure and leakage	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Check dryer dew point alarm settings	No
		CITY OF RICHMOND SITE	Notes: Document any issues and fixes	opened up dryer electrical enclosure. there is 120v power coming off the transformer, and at distribution block. green light on plc, but no status lights. still need to troubleshoot further.
		CITY OF RICHMOND SITE	Do you have a Regen test button on your PSB dryer?	Yes
	Data Collection w/ 5-Stage Compressor	CITY OF RICHMOND COMP01	Ambient temperature:	67.0
		CITY OF RICHMOND COMP01	Compressor hours. DO NOT ENTER DECIMALS PLEASE	4,357.0
		CITY OF RICHMOND COMP02	Ambient temperature:	67.0
		CITY OF RICHMOND COMP02	Compressor hours. DO NOT ENTER DECIMALS PLEASE	3,871.0
	Time-fill Posts Inspection	CITY OF RICHMOND SITE	Check hoses & breakaways for the following: Leakage Soft spots or bulges Any excessive abrasions Cuts or cracks that expose or damage reinforcement Kinked or twisted Evidence of fitting displacement 3-way valves Nozzles and valves	Yes
		CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Check to ensure all retractor cords are in place and operational.	Yes
		CITY OF RICHMOND SITE	Note any parking space numbers that needed repairs.	all cords operational
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Drain k-rail filter(s)	No
		CITY OF RICHMOND SITE	Notes: Document any issues and fixes	no k rail filters. tightened several small leaks on rail.
	Site Inspection (New)	CITY OF RICHMOND SITE	Is the service log book available for review?	Yes
		CITY OF RICHMOND SITE	Has the log been kept up to date and completed properly? Note any issues.	
		CITY OF RICHMOND SITE	Check the service log for History/outstanding items that require attention.	
		CITY OF RICHMOND SITE	Is there a MSA reading to record?	Yes

Workflow	Section	Service Object	Question	Response
	Site Inspection (New)	CITY OF RICHMOND SITE	Please enter MSA meter #1 reading	628,009.0
		CITY OF RICHMOND SITE	Is there a electric meter reading to record?	Yes
		CITY OF RICHMOND SITE	Please enter electric meter #1 reading	566,857.0
		CITY OF RICHMOND SITE	Check area lighting.	Yes
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	No
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	
		CITY OF RICHMOND SITE	Check all site signage?	Yes
		CITY OF RICHMOND SITE	Check the entire site for visible damage.	Yes
		CITY OF RICHMOND SITE	Check all priority panel valves, gauges, transmitters, etc. for leaks and corrosion and verify priority panel operation.	Yes
		CITY OF RICHMOND SITE	Verify ESD button(s) function.	Yes
		CITY OF RICHMOND SITE	Verify with WM Supervisor/Manager that they received an email.	No
		CITY OF RICHMOND SITE	Reason:	not a WM site
		CITY OF RICHMOND SITE	Verified gas inlet actuator valve and compressor inlet valves are closed upon ESD activation.	Yes
		CITY OF RICHMOND SITE	Inspect all fire extinguisher's to ensure they are charged and inspection tags are up to date.	
		CITY OF RICHMOND SITE	Visually inspect HMI for proper function (i.e. function buttons, display contrast, etc.).	
		CITY OF RICHMOND SITE	Verify start/stop time-fill pressure settings and adjust as necessary for seasonal conditions. (TIME-FILL SITE ONLY)	No
		CITY OF RICHMOND SITE	Enter current time-fill start pressure.	
		CITY OF RICHMOND SITE	Enter current time-fill target pressure.	
		CITY OF RICHMOND SITE	Note general site conditions and any needed future maintenance.	need to replace bolt on one of fence grounding cable clamps

Technician Notes:

site is overall in good shape. re-tightened leak at Comp 2 discharge filter check valve. if leak returns will replace check valve. Began to troubleshoot dryer, needs to be looked into further. site is fully operational. no major issues found on inspection.

Customer Sign Off

Signature

Name

no one available

Date

5/26/2017

Date of Service:	6/6/2017			
Service Location:	17602 - City of Richmond		Bill to Location:	City of Richmond - Department of Public Utilities
	3502 North Hopkins Rd			Ron Ellis Division of Energy Services Warehouse Annex
	Richmond, VA 23224			Richmond, VA 23224
Project Details: 17602.01 City of Richmond				

Date	Activity	Item / Description	Qty/Hrs
6/6/2017	Travel	Kyle Anderson	2.737
6/6/2017	Utilize	Kyle Anderson	3.033

Service Order Reason:	Site Inspection
Service Order Notes:	Inspection
Station Operational:	Yes

Service Object	CITY OF RICHMOND SITE
Service Object	CITY OF RICHMOND COMP01
Service Object	CITY OF RICHMOND COMP02
Service Object	CITY OF RICHMOND MOTOR01
Service Object	CITY OF RICHMOND MOTOR02
Service Object	CITY OF RICHMOND STOR01
Service Object	CITY OF RICHMOND STOR02
Service Object	CITY OF RICHMOND DRY01
Service Object	CITY OF RICHMOND TIME FILL01
Service Object	CITY OF RICHMOND PRIORITY01
Service Object	CITY OF RICHMOND MCC01

Workflow	Section	Service Object	Question	Response		
Accept Service Order	Accept/In-Transit		Is this Service Order being done on Overtime?	No		
			In-Transit to the service location?	Yes		
			Accept Service Order?	Yes (Jun 6 2017 4:19AM)		
Arrived On-site (Inspection)	Arrived/Working		Arrived at the service location	Yes (Jun 6 2017 7:03AM)		
			FOR COMMISSIONING ONLY: Update GPS for Location. Prefer to do so while located near retail dispenser if applicable.	No		
			Site Inspection (New)	CITY OF RICHMOND SITE	Enter current time-fill target pressure.	3850
				CITY OF RICHMOND SITE	Has the log been kept up to date and completed properly? Note any issues.	Yes
				CITY OF RICHMOND SITE	Check the service log for History/outstanding items that require attention.	Yes
				CITY OF RICHMOND SITE	Inspect all fire extinguisher's to ensure they are charged and inspection tags are up to date.	Yes
				CITY OF RICHMOND SITE	Note general site conditions and any needed future maintenance.	didn't find any need for repairs at this time. Site manager informed me that they have had no issues recently.
				CITY OF RICHMOND SITE	Visually inspect HMI for proper function (i.e. function buttons, display contrast, etc.).	Yes

Workflow	Section	Service Object	Question	Response
	Site Inspection (New)	CITY OF RICHMOND SITE	Verify start/stop time-fill pressure settings and adjust as necessary for seasonal conditions. (TIME-FILL SITE ONLY)	Yes
		CITY OF RICHMOND SITE	Enter current time-fill start pressure.	3200
		CITY OF RICHMOND SITE	Check all priority panel valves, gauges, transmitters, etc. for leaks and corrosion and verify priority panel operation.	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
		CITY OF RICHMOND SITE	Check area lighting.	Yes
		CITY OF RICHMOND SITE	Check all site signage?	Yes
		CITY OF RICHMOND SITE	Verify ESD button(s) function.	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Is the service log book available for review?	Yes
		CITY OF RICHMOND SITE	Please enter electric meter #1 reading	571,023.0
		CITY OF RICHMOND SITE	Is there a MSA reading to record?	Yes
		CITY OF RICHMOND SITE	Is there a electric meter reading to record?	Yes
		CITY OF RICHMOND SITE	Please enter MSA meter #1 reading	629,586.0
		CITY OF RICHMOND SITE	Check the entire site for visible damage.	Yes
	Compressor Inspection	CITY OF RICHMOND COMP01	Any abnormal sounds and/or vibrations from equipment?	No
		CITY OF RICHMOND COMP01	Weigh oil and record (Measure in grams)	1,413.0
		CITY OF RICHMOND COMP01	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP01	How much oil was added? (Measure in grams)	1500
		CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP01	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes
		CITY OF RICHMOND COMP01	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND COMP01	Check the oil level in crankcase & day tank.	Yes

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP01	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP01	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP01	Did you add any oil? Fill to the full mark each time.	Yes
		CITY OF RICHMOND COMP01	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP01	Any leaks or corrosion found?	No
		CITY OF RICHMOND COMP02	Any abnormal sounds and/or vibrations from equipment?	No
		CITY OF RICHMOND COMP02	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP02	Any leaks or corrosion found?	No
		CITY OF RICHMOND COMP02	Did you add any oil? Fill to the full mark each time.	Yes
		CITY OF RICHMOND COMP02	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP02	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP02	Any leaks found?	No
		CITY OF RICHMOND COMP02	Check the oil level in crankcase & day tank.	Yes
		CITY OF RICHMOND COMP02	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP02	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes
		CITY OF RICHMOND COMP02	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND COMP02	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP02	How much oil was added? (Measure in grams)	2000
		CITY OF RICHMOND COMP02	Any leaks found?	No

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP02	Notes: Document any issues and fixes	recently repaired leak at discharge filter check valve, holding pressure now.
		CITY OF RICHMOND COMP02	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP02	Weigh oil and record (Measure in grams)	1,960.0
	Site Cleaning (Routine / Requested)	CITY OF RICHMOND SITE	Clean card reader	No
		CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
		CITY OF RICHMOND SITE	Empty trash	Yes
		CITY OF RICHMOND SITE	Clean entire site as needed	Yes
		CITY OF RICHMOND SITE	Clean & wipe dispenser	No
		CITY OF RICHMOND SITE	Notes: Document any issues and fixes	spread weed killer around site. Generally site is in good condition.
	Dryer Inspection	CITY OF RICHMOND SITE	Visually inspect all reliefs valves for signs of failure and leakage	Yes
		CITY OF RICHMOND SITE	Check dryer dew point alarm settings	No
		CITY OF RICHMOND SITE	Drain all dryer pre/after filter housings.	Yes
		CITY OF RICHMOND SITE	Check differential pressure across pre-filter and after-filter elements. Replace if required when gauge is approaching RED zone or 3-5 PSID.	Yes
		CITY OF RICHMOND SITE	Check dew point for reading below -60 F. (If required) Call maintenance planners or create your own dryer regeneration service order.	No
		CITY OF RICHMOND SITE	Notes: Document any issues and fixes	dryer not currently operational. Need to further troubleshoot
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Dryer dew point	0
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Do you have a Regen test button on your PSB dryer?	No
	Storage Inspection	CITY OF RICHMOND SITE	Notes: Document any issues and fixes	no issues to note
		CITY OF RICHMOND SITE	Drain fluid from bottles?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No

Workflow	Section	Service Object	Question	Response
	Storage Inspection	CITY OF RICHMOND SITE	Check RED locks on PRV's (RED only at CE owned sites), others should have a lock also.	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Check all PRV's on site for signs of failure or leakage?	Yes
	Time-fill Posts Inspection	CITY OF RICHMOND SITE	Notes: Document any issues and fixes	no k rail filters on site. fill hose at post 9 beginning to crack/ chafe. will need to be replaced soon. hose is currently operational. will continue to monitor.
		CITY OF RICHMOND SITE	Check to ensure all retractor cords are in place and operational.	Yes
		CITY OF RICHMOND SITE	Note any parking space numbers that needed repairs.	all cords operational
		CITY OF RICHMOND SITE	Drain k-rail filter(s)	No
		CITY OF RICHMOND SITE	Check hoses & breakaways for the following: Leakage Soft spots or bulges Any excessive abrasions Cuts or cracks that expose or damage reinforcement Kinked or twisted Evidence of fitting displacement 3-way valves Nozzles and valves	Yes
		CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
	Data Collection w/ 5-Stage Compressor	CITY OF RICHMOND COMP01	2nd stage pressure	210.0
		CITY OF RICHMOND COMP02	2nd stage pressure	
		CITY OF RICHMOND COMP02	3rd stage pressure	
		CITY OF RICHMOND COMP01	3rd stage pressure	600.0
		CITY OF RICHMOND COMP01	4th stage pressure	1,600.0
		CITY OF RICHMOND COMP02	4th stage pressure	
		CITY OF RICHMOND COMP01	Oil pressure	150
		CITY OF RICHMOND COMP02	Oil pressure	
		CITY OF RICHMOND COMP02	Compressor hours. DO NOT ENTER DECIMALS PLEASE	3,887.0

Workflow	Section	Service Object	Question	Response
	Data Collection w/ 5-Stage Compressor	CITY OF RICHMOND COMP01	Compressor hours. DO NOT ENTER DECIMALS PLEASE	4,375.0
		CITY OF RICHMOND COMP01	1st stage pressure	88.0
		CITY OF RICHMOND COMP02	1st stage pressure	
		CITY OF RICHMOND COMP02	5th stage pressure	
		CITY OF RICHMOND COMP01	5th stage pressure	3,500.0
		CITY OF RICHMOND COMP02	Ambient temperature:	77.0
		CITY OF RICHMOND COMP01	Ambient temperature:	77.0
		CITY OF RICHMOND COMP01	Suction Pressure	9.0
		CITY OF RICHMOND COMP02	Suction Pressure	
Finish Service Order	Complete Service Order		Ensure that you have accounted for any parts used. Is Service Completed?	Yes
	Wrap Up		Did you complete all workflows?	Yes

Technician Notes:

site is in good condition. found fill hose at post 9 beginning to chafe. will monitor for now, hose will need to be replaced fairly soon. Otherwise site is fully operational.

Customer Sign Off
Signature

Name

william heckstall

Date

6/6/2017

Date of Service:	6/28/2017			
Service Location:	17602 - City of Richmond		Bill to Location:	City of Richmond - Department of Public Utilities
	3502 North Hopkins Rd			Ron Ellis Division of Energy Services Warehouse Annex
	Richmond, VA 23224			Richmond, VA 23224
Project Details: 17602.01 City of Richmond				

Date	Activity	Item / Description	Qty/Hrs
6/27/2017	Fee	\ Additional Mileage Fee	0
6/27/2017	Travel	Kyle Anderson	0.006
6/27/2017	Problem	\ Gas Leak	1
6/27/2017	Problem	\ Compressor - Leak - Fitting - deteriorated packing	1
6/27/2017	Resolution	\ Repaired/Replaced	1
6/27/2017	Utilize	Kyle Anderson	0.642
6/27/2017	Consume	CE005168 \ CHECK VALVE 0.500IN 6000PSI SS C8 SERIES	1

Service Order Reason:	Corrective Service
Service Order Notes:	bad check valve at comp 2 discharge filter
Station Operational:	Yes
Service Object	CITY OF RICHMOND COMP02
Fault Code	Gas Leak
Cause Code	Compressor - Leak - Fitting
Action Code	Repaired/Replaced

Workflow	Section	Service Object	Question	Response		
Accept Service Order	Accept/In-Transit		Accept Service Order?	Yes (Jun 27 2017 10:12AM)		
			In-Transit to the service location?	Yes		
			Is this Service Order being done on Overtime?	No		
Arrived on-site (Corrective & R&M)	Arrived/Working		Arrived at the service location	Yes (Jun 27 2017 10:13AM)		
			Check in upon arrival with site manager	Yes		
			Did you obtain PO# from site manager.	No		
			Reason:	N/A		
			Site uptime	Is the site down?	No	
			Compressor Inspection	CITY OF RICHMOND COMP02	Check alarm shutdown and history.	Yes
				CITY OF RICHMOND COMP02	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
	CITY OF RICHMOND COMP02	Any leaks found?	Yes			
	CITY OF RICHMOND COMP02	Action taken:	leak at Comp 2 discharge filter check valve. replaced, leak checked with comp running.			
	CITY OF RICHMOND COMP02	Check the oil level in crankcase & day tank.	Yes			

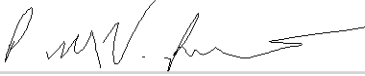
Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP02	Did you add any oil? Fill to the full mark each time.	No
		CITY OF RICHMOND COMP02	Any abnormal sounds and/or vibrations from equipment?	No
		CITY OF RICHMOND COMP02	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	No
		CITY OF RICHMOND COMP02	Reason:	completed 4a inspection earlier today.
		CITY OF RICHMOND COMP02	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes
		CITY OF RICHMOND COMP02	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP02	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP02	Any leaks found?	No
		CITY OF RICHMOND COMP02	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP02	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP02	Any leaks or corrosion found?	No
	Data Collection w/ 5-Stage Compressor	CITY OF RICHMOND COMP02	Ambient temperature:	76.0
		CITY OF RICHMOND COMP02	Suction Pressure	10.0
		CITY OF RICHMOND COMP02	1st stage pressure	90.0
		CITY OF RICHMOND COMP02	2nd stage pressure	210.0
		CITY OF RICHMOND COMP02	3rd stage pressure	615.0
		CITY OF RICHMOND COMP02	4th stage pressure	1,590.0
		CITY OF RICHMOND COMP02	5th stage pressure	4,000.0
		CITY OF RICHMOND COMP02	Oil pressure	135
		CITY OF RICHMOND COMP02	Compressor hours. DO NOT ENTER DECIMALS PLEASE	3,921.0
Finish Service Order (Corrective)	Wrap up		Did you complete all workflows?	Yes
	System up/ System down		Is the site up?	Yes

Workflow	Section	Service Object	Question	Response
Finish Service Order (Corrective)	System up/ System down		Date site back up.	Tuesday, June 27, 2017
	Complete service order		Do you have any Miscellaneous Parts or Miscellaneous Expenses to add? If so, please go back to service order main screen and add them.	No
			Ensure that you have accounted for any parts used. Is Service Completed?	Yes

Technician Notes:

removed and replaced defective check valve. leak checked with compressor running. no leaks found. site is fully operational.

Customer Sign Off

Signature	
Name	mr.russell
Date	6/28/2017

Date of Service:	7/4/2017		
Service Location:	17602 - City of Richmond	Bill to Location:	City of Richmond - Department of Public Utilities
	3502 North Hopkins Rd		Ron Ellis Division of Energy Services Warehouse Annex
	Richmond, VA 23224		Richmond, VA 23224
Project Details: 17602.01 City of Richmond			

Date	Activity	Item / Description	Qty/Hrs
7/3/2017	Travel	Kyle Anderson	0.009
7/5/2017	Travel	Kyle Anderson	2.056
7/5/2017	Resolution	\ Repaired/Replaced (Note Required)	1
7/3/2017	Utilize	Kyle Anderson	0.239
7/5/2017	Utilize	Kyle Anderson	9.326
7/5/2017	Problem	\ 1 - ESD Engaged	1
7/5/2017	Problem	\ Site - ESD - esd caused by wiring	1

Service Order Reason:	Corrective Service
Service Order Notes:	Auto dialer ESD alarm VW
Station Operational:	Yes
Fault Code	1 - ESD Engaged
Cause Code	Site - ESD
Action Code	Repaired/Replaced (Note Required)

Workflow	Section	Service Object	Question	Response	
Accept Service Order	Accept/In-Transit		Accept Service Order?	Yes (Jul 3 2017 11:55AM)	
			In-Transit to the service location?	Yes	
			Is this Service Order being done on Overtime?	No	
Arrived on-site (Corrective & R&M)	Arrived/Working		Arrived at the service location	Yes (Jul 3 2017 11:56AM)	
			Check in upon arrival with site manager	Yes	
			Did you obtain PO# from site manager.	No	
			Reason:	N/A	
			Site uptime	Is the site down?	No
			Fire/Gas Leak/ESD	Make sure it's safe to enter the site	Yes
			Please describe corrective action taken at the site.	site ESD stuck on. believed to have a wire break or faulty ESD button. Have k-rail ESD circuit jumped out to allow compressor to run. Spoke with asst. site manager, he is aware of the situation. Tmorrow, July 4 is not a work day. I will return to further troubleshoot Wednesday July 5. ESD at enclosure still function properly.	
Notify Operations Director (If appropriate)	No				
	Equipment Online/Offline		Is equipment online	Yes	
Finish Service Order (Corrective)	Wrap up		Did you complete all workflows?	No	

Workflow	Section	Service Object	Question	Response
Finish Service Order (Corrective)	Wrap up		Reason for not completing all workflows?	found the issue, however need to further troubleshoot wiring.
	System up/ System down		Is the site up?	Yes
			Date site back up.	Monday, July 03, 2017
	Complete service order		Do you have any Miscellaneous Parts or Miscellaneous Expenses to add? If so, please go back to service order main screen and add them.	No
			When will you return to work on the service order?	Wednesday, July 05, 2017
			Ensure that you have accounted for any parts used. Is Service Completed?	No
			Please select from the drop down	Unfinished - Other
Accept Service Order	Accept/In-Transit		Accept Service Order?	Yes (Jul 5 2017 4:25AM)
			In-Transit to the service location?	Yes
			Is this Service Order being done on Overtime?	No
Arrived on-site (Corrective & R&M)	Arrived/Working		Arrived at the service location	Yes (Jul 5 2017 6:28AM)
			Check in upon arrival with site manager	Yes
			Did you obtain PO# from site manager.	No
			Reason:	N/A
	Site uptime		Is the site down?	No
	Equipment Online/Offline		Is equipment online	Yes
Finish Service Order (Corrective)	Wrap up		Did you complete all workflows?	Yes
			Reason for not completing all workflows?	
	System up/ System down		Is the site up?	Yes
			Date site back up.	Wednesday, July 05, 2017
	Complete service order		Do you have any Miscellaneous Parts or Miscellaneous Expenses to add? If so, please go back to service order main screen and add them.	No
			Ensure that you have accounted for any parts used. Is Service Completed?	Yes
		Please select from the drop down		

Technician Notes:	
	<p>troubleshoot wiring to 13 esd buttons. led to wire between MCC panel and button just outside of enclosure fence. ran a temporary wire to that button and tested. when I re-ran the wire so I was able to close the ESD J-box the breaker blade fuse for the esd circuit tripped and was unable to be reset. no spare fuses on location, went to lowes and picked up bus fuse in order to get site back up for the night. I will replace with correct fuse tomorrow. as of right now all ESD buttons are active and working. the site is fully operational.</p> <p>there will need to be a permanent wire repair made in the future, however I was not in the position today to break out the packed and poured seals.</p>

Customer Sign Off	
Signature	
Name	no one available
Date	7/4/2017

Date of Service:	7/22/2017			
Service Location:	17602 - City of Richmond		Bill to Location:	City of Richmond - Department of Public Utilities
	3502 North Hopkins Rd			Ron Ellis Division of Energy Services Warehouse Annex
	Richmond, VA 23224			Richmond, VA 23224
Project Details: 17602.01 City of Richmond				

Date	Activity	Item / Description	Qty/Hrs
7/21/2017	Fee	\ Additional Mileage Fee	0
7/21/2017	Travel	Kyle Anderson	0.011
7/21/2017	Utilize	Kyle Anderson	0.751
7/21/2017	Problem	\ 1 - ESD Engaged	1
7/21/2017	Problem	\ Site - ESD - earthquake switch	1
7/21/2017	Resolution	\ Repaired/Replaced	1

Service Order Reason:	Corrective Service
Service Order Notes:	ESD repair
Station Operational:	Yes
Service Object	CITY OF RICHMOND SITE
Fault Code	1 - ESD Engaged
Cause Code	Site - ESD
Action Code	Repaired/Replaced

Workflow	Section	Service Object	Question	Response	
Accept Service Order	Accept/In-Transit		In-Transit to the service location?	Yes	
			Accept Service Order?	Yes (Jul 21 2017 11:00AM)	
			Is this Service Order being done on Overtime?	No	
Arrived on-site (Corrective & R&M)	Arrived/Working		Arrived at the service location	Yes (Jul 21 2017 11:00AM)	
			Reason:	N/A	
			Reason:	no one available	
			Did you obtain PO# from site manager.	No	
			Check in upon arrival with site manager	No	
	Site uptime			Is the site down?	No
				Is the site down?	No
	Arrived/Working			Did you obtain PO# from site manager.	No
				Check in upon arrival with site manager	Yes
				Reason:	
Arrived at the service location				Yes (Jul 21 2017 11:11AM)	
			Reason:	N/A	

Workflow	Section	Service Object	Question	Response
Finish Service Order (Corrective)	Complete service order		Do you have any Miscellaneous Parts or Miscellaneous Expenses to add? If so, please go back to service order main screen and add them.	No
			Ensure that you have accounted for any parts used. Is Service Completed?	Yes
	Wrap up		Did you complete all workflows?	Yes
	System up/ System down		Is the site up?	Yes
			Date site back up.	Friday, July 21, 2017
	Site Inspection (New)	CITY OF RICHMOND SITE	Check area lighting.	Yes
		CITY OF RICHMOND SITE	Check all site signage?	Yes
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
		CITY OF RICHMOND SITE	Check all priority panel valves, gauges, transmitters, etc. for leaks and corrosion and verify priority panel operation.	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Please enter MSA meter #1 reading	637,241.0
		CITY OF RICHMOND SITE	Check the entire site for visible damage.	Yes
		CITY OF RICHMOND SITE	Verify ESD button(s) function.	Yes
		CITY OF RICHMOND SITE	Is the service log book available for review?	Yes
		CITY OF RICHMOND SITE	Please enter electric meter #1 reading	590,512.0
		CITY OF RICHMOND SITE	Is there a MSA reading to record?	Yes
		CITY OF RICHMOND SITE	Is there a electric meter reading to record?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Inspect all fire extinguisher's to ensure they are charged and inspection tags are up to date.	Yes
		CITY OF RICHMOND SITE	Check the service log for History/outstanding items that require attention.	Yes
		CITY OF RICHMOND SITE	Has the log been kept up to date and completed properly? Note any issues.	Yes
		CITY OF RICHMOND SITE	Visually inspect HMI for proper function (i.e. function buttons, display contrast, etc.).	Yes
		CITY OF RICHMOND SITE	Verify start/stop time-fill pressure settings and adjust as necessary for seasonal conditions. (TIME-FILL SITE ONLY)	Yes

Workflow	Section	Service Object	Question	Response
	Site Inspection (New)	CITY OF RICHMOND SITE	Enter current time-fill start pressure.	3200
		CITY OF RICHMOND SITE	Enter current time-fill target pressure.	3850
Technician Notes:				
<p>service actually performed yesterday 7-20-2017. I aided Josh Chidester in troubleshooting ESD circuit. The ESD alarm had been hard-set. I had previously read out wiring and believed there was a wire break. After more extensive troubleshooting with Josh, we had found an earthquake switch in the ESD circuit open. We were able to reset the switch and brought the site back up to normal operation.</p>				
Customer Sign Off				
Signature				
Name		N/A		
Date		7/22/2017		

Date of Service:	8/1/2017			
Service Location:	17602 - City of Richmond		Bill to Location:	City of Richmond - Department of Public Utilities
	3502 North Hopkins Rd			Ron Ellis Division of Energy Services Warehouse Annex
	Richmond, VA 23224			Richmond, VA 23224
Project Details: 17602.01 City of Richmond				

Date	Activity	Item / Description	Qty/Hrs
8/1/2017	Travel	Kyle Anderson	3.163
8/1/2017	Utilize	Kyle Anderson	3.674

Service Order Reason:	Site Inspection
Service Order Notes:	Inspection
Station Operational:	Yes

Service Object	CITY OF RICHMOND SITE
Service Object	CITY OF RICHMOND COMP01
Service Object	CITY OF RICHMOND COMP02
Service Object	CITY OF RICHMOND MOTOR01
Service Object	CITY OF RICHMOND MOTOR02
Service Object	CITY OF RICHMOND STOR01
Service Object	CITY OF RICHMOND STOR02
Service Object	CITY OF RICHMOND DRY01
Service Object	CITY OF RICHMOND TIME FILL01
Service Object	CITY OF RICHMOND PRIORITY01
Service Object	CITY OF RICHMOND MCC01

Workflow	Section	Service Object	Question	Response
Accept Service Order	Accept/In-Transit		Is this Service Order being done on Overtime?	No
			In-Transit to the service location?	Yes
			Accept Service Order?	Yes (Aug 1 2017 4:26AM)
Arrived On-site (Inspection)	Site Inspection (New)	CITY OF RICHMOND SITE	Arrived at the service location	Yes (Aug 1 2017 7:36AM)
			FOR COMMISSIONING ONLY: Update GPS for Location. Prefer to do so while located near retail dispenser if applicable.	No
			Check the entire site for visible damage.	Yes
			Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
			Check area lighting.	Yes
			Check all site signage?	Yes
			Check the service log for History/outstanding items that require attention.	Yes
			Any leaks found?	No

Workflow	Section	Service Object	Question	Response
	Site Inspection (New)	CITY OF RICHMOND SITE	Inspect all fire extinguisher's to ensure they are charged and inspection tags are up to date.	Yes
		CITY OF RICHMOND SITE	Is there a MSA reading to record?	Yes
		CITY OF RICHMOND SITE	Is there a electric meter reading to record?	Yes
		CITY OF RICHMOND SITE	Enter current time-fill target pressure.	3800
		CITY OF RICHMOND SITE	Verify start/stop time-fill pressure settings and adjust as necessary for seasonal conditions. (TIME-FILL SITE ONLY)	Yes
		CITY OF RICHMOND SITE	Enter current time-fill start pressure.	3250
		CITY OF RICHMOND SITE	Visually inspect HMI for proper function (i.e. function buttons, display contrast, etc.).	Yes
		CITY OF RICHMOND SITE	Has the log been kept up to date and completed properly? Note any issues.	Yes
		CITY OF RICHMOND SITE	Verify ESD button(s) function.	Yes
		CITY OF RICHMOND SITE	Is the service log book available for review?	Yes
		CITY OF RICHMOND SITE	Please enter electric meter #1 reading	594,525.0
		CITY OF RICHMOND SITE	Check all priority panel valves, gauges, transmitters, etc. for leaks and corrosion and verify priority panel operation.	Yes
		CITY OF RICHMOND SITE	Please enter MSA meter #1 reading	638,850.0
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
	Time-fill Posts Inspection	CITY OF RICHMOND SITE	Notes: Document any issues and fixes	no k-rail filters
		CITY OF RICHMOND SITE	Check to ensure all retractor cords are in place and operational.	Yes
		CITY OF RICHMOND SITE	Note any parking space numbers that needed repairs.	none
		CITY OF RICHMOND SITE	Drain k-rail filter(s)	No
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Check hoses & breakaways for the following: Leakage Soft spots or bulges Any excessive abrasions Cuts or cracks that expose or damage reinforcement Kinked or twisted Evidence of fitting displacement 3-way valves Nozzles and valves	Yes
		CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
	Compressor Inspection	CITY OF RICHMOND COMP01	Did you add any oil? Fill to the full mark each time.	Yes

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Any leaks or corrosion found?	No
		CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Any abnormal sounds and/or vibrations from equipment?	No
		CITY OF RICHMOND COMP01	Weigh oil and record (Measure in grams)	588.0
		CITY OF RICHMOND COMP01	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP01	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP01	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP01	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP01	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes
		CITY OF RICHMOND COMP01	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND COMP01	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP01	Check the oil level in crankcase & day tank.	Yes
		CITY OF RICHMOND COMP01	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP01	How much oil was added? (Measure in grams)	600
		CITY OF RICHMOND COMP02	How much oil was added? (Measure in grams)	700
		CITY OF RICHMOND COMP02	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP02	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP02	Check the oil level in crankcase & day tank.	Yes
		CITY OF RICHMOND COMP02	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP02	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes
		CITY OF RICHMOND COMP02	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP02	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP02	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP02	Any leaks or corrosion found?	No
		CITY OF RICHMOND COMP02	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP02	Weigh oil and record (Measure in grams)	670.0
		CITY OF RICHMOND COMP02	Any abnormal sounds and/or vibrations from equipment?	No
		CITY OF RICHMOND COMP02	Any leaks found?	No
		CITY OF RICHMOND COMP02	Any leaks found?	No
		CITY OF RICHMOND COMP02	Did you add any oil? Fill to the full mark each time.	Yes
	Site Cleaning (Routine / Requested)	CITY OF RICHMOND SITE	Empty trash	Yes
		CITY OF RICHMOND SITE	Clean entire site as needed	Yes
		CITY OF RICHMOND SITE	Clean & wipe dispenser	No
		CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
		CITY OF RICHMOND SITE	Clean card reader	No
	Data Collection w/ 5-Stage Compressor	CITY OF RICHMOND COMP01	Suction Pressure	9.0
		CITY OF RICHMOND COMP01	2nd stage pressure	210.0
		CITY OF RICHMOND COMP01	5th stage pressure	3,500.0
		CITY OF RICHMOND COMP01	Ambient temperature:	86.0

Workflow	Section	Service Object	Question	Response
	Data Collection w/ 5-Stage Compressor	CITY OF RICHMOND COMP01	3rd stage pressure	650.0
		CITY OF RICHMOND COMP01	4th stage pressure	1,550.0
		CITY OF RICHMOND COMP01	Oil pressure	110
		CITY OF RICHMOND COMP01	Compressor hours. DO NOT ENTER DECIMALS PLEASE	4,477.0
		CITY OF RICHMOND COMP01	1st stage pressure	90.0
		CITY OF RICHMOND COMP02	1st stage pressure	
		CITY OF RICHMOND COMP02	5th stage pressure	
		CITY OF RICHMOND COMP02	Compressor hours. DO NOT ENTER DECIMALS PLEASE	3,982.0
		CITY OF RICHMOND COMP02	4th stage pressure	
		CITY OF RICHMOND COMP02	Oil pressure	
		CITY OF RICHMOND COMP02	Ambient temperature:	
		CITY OF RICHMOND COMP02	Suction Pressure	
		CITY OF RICHMOND COMP02	2nd stage pressure	
		CITY OF RICHMOND COMP02	3rd stage pressure	
	Site Inspection (New)	CITY OF RICHMOND SITE	Check all site signage?	Yes
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	No
		CITY OF RICHMOND SITE	Check area lighting.	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Check the service log for History/outstanding items that require attention.	
		CITY OF RICHMOND SITE	Any leaks found?	
		CITY OF RICHMOND SITE	Check the entire site for visible damage.	Yes
		CITY OF RICHMOND SITE	Check all priority panel valves, gauges, transmitters, etc. for leaks and corrosion and verify priority panel operation.	Yes

Workflow	Section	Service Object	Question	Response
	Site Inspection (New)	CITY OF RICHMOND SITE	Please enter MSA meter #1 reading	639,022.0
		CITY OF RICHMOND SITE	Please enter electric meter #1 reading	594,949.0
		CITY OF RICHMOND SITE	Is the service log book available for review?	Yes
		CITY OF RICHMOND SITE	Verify ESD button(s) function.	Yes
		CITY OF RICHMOND SITE	Visually inspect HMI for proper function (i.e. function buttons, display contrast, etc.).	
		CITY OF RICHMOND SITE	Verify start/stop time-fill pressure settings and adjust as necessary for seasonal conditions. (TIME-FILL SITE ONLY)	No
		CITY OF RICHMOND SITE	Enter current time-fill start pressure.	
		CITY OF RICHMOND SITE	Has the log been kept up to date and completed properly? Note any issues.	
		CITY OF RICHMOND SITE	Enter current time-fill target pressure.	
		CITY OF RICHMOND SITE	Is there a electric meter reading to record?	Yes
		CITY OF RICHMOND SITE	Inspect all fire extinguisher's to ensure they are charged and inspection tags are up to date.	
		CITY OF RICHMOND SITE	Is there a MSA reading to record?	Yes
	Dryer Inspection	CITY OF RICHMOND SITE	Dryer dew point	0
		CITY OF RICHMOND SITE	Visually inspect all reliefs valves for signs of failure and leakage	No
		CITY OF RICHMOND SITE	Check dryer dew point alarm settings	No
		CITY OF RICHMOND SITE	Drain all dryer pre/after filter housings.	No
		CITY OF RICHMOND SITE	Check differential pressure across pre-filter and after-filter elements. Replace if required when gauge is approaching RED zone or 3-5 PSID.	No
		CITY OF RICHMOND SITE	Check dew point for reading below -60 F. (If required) Call maintenance planners or create your own dryer regeneration service order.	No
		CITY OF RICHMOND SITE	Notes: Document any issues and fixes	Josh Chidester currently troubleshooting dryer
		CITY OF RICHMOND SITE	Do you have a Regen test button on your PSB dryer?	No
	Storage Inspection	CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Check RED locks on PRV's (RED only at CE owned sites), others should have a lock also.	Yes
		CITY OF RICHMOND SITE	Drain fluid from bottles?	Yes
		CITY OF RICHMOND SITE	How much fluid was drained from the storage bottle(s)? (Measure in grams)	2.0
		CITY OF RICHMOND SITE	Any leaks found?	No

Workflow	Section	Service Object	Question	Response
	Storage Inspection	CITY OF RICHMOND SITE	Check all PRV's on site for signs of failure or leakage?	Yes
Technician Notes:				
<p>site is in good condition. no new issues found today. Josh Chidester is currently troubleshooting the dryer. Yesterday we looked into it and discovered that there may be a problem with the plc. he got a troubleshooting cable from siemens and is looking further into the issue now.</p>				
Customer Sign Off				
Signature				
Name				
Date		8/1/2017		

Date of Service:	8/3/2017			
Service Location:	17602 - City of Richmond		Bill to Location:	City of Richmond - Department of Public Utilities
	3502 North Hopkins Rd			Ron Ellis Division of Energy Services Warehouse Annex
	Richmond, VA 23224			Richmond, VA 23224
Project Details: 17602.01 City of Richmond				

Date	Activity	Item / Description	Qty/Hrs
8/3/2017	Travel	Kyle Anderson	2.135
8/3/2017	Utilize	Kyle Anderson	3.525

Service Order Reason:	Site Inspection
Service Order Notes:	Inspection
Station Operational:	Yes

Service Object	CITY OF RICHMOND SITE
Service Object	CITY OF RICHMOND COMP01
Service Object	CITY OF RICHMOND COMP02
Service Object	CITY OF RICHMOND MOTOR01
Service Object	CITY OF RICHMOND MOTOR02
Service Object	CITY OF RICHMOND STOR01
Service Object	CITY OF RICHMOND STOR02
Service Object	CITY OF RICHMOND DRY01
Service Object	CITY OF RICHMOND TIME FILL01
Service Object	CITY OF RICHMOND PRIORITY01
Service Object	CITY OF RICHMOND MCC01

Workflow	Section	Service Object	Question	Response
Accept Service Order	Accept/In-Transit		Is this Service Order being done on Overtime?	No
			In-Transit to the service location?	Yes
			Accept Service Order?	Yes (Aug 3 2017 4:14AM)
Arrived On-site (Inspection)	Site Inspection (New)	CITY OF RICHMOND SITE	Arrived at the service location	Yes (Aug 3 2017 6:22AM)
			FOR COMMISSIONING ONLY: Update GPS for Location. Prefer to do so while located near retail dispenser if applicable.	No
			Enter current time-fill target pressure.	3850
			Has the log been kept up to date and completed properly? Note any issues.	Yes
			Any leaks found?	No
			Visually inspect HMI for proper function (i.e. function buttons, display contrast, etc.).	Yes
			Verify start/stop time-fill pressure settings and adjust as necessary for seasonal conditions. (TIME-FILL SITE ONLY)	Yes
			Enter current time-fill start pressure.	3200

Workflow	Section	Service Object	Question	Response
	Site Inspection (New)	CITY OF RICHMOND SITE	Please enter MSA meter #1 reading	639,536.0
		CITY OF RICHMOND SITE	Check the entire site for visible damage.	Yes
		CITY OF RICHMOND SITE	Verify ESD button(s) function.	Yes
		CITY OF RICHMOND SITE	Check the service log for History/outstanding items that require attention.	Yes
		CITY OF RICHMOND SITE	Inspect all fire extinguisher's to ensure they are charged and inspection tags are up to date.	Yes
		CITY OF RICHMOND SITE	Is the service log book available for review?	Yes
		CITY OF RICHMOND SITE	Please enter electric meter #1 reading	596,217.0
		CITY OF RICHMOND SITE	Is there a MSA reading to record?	Yes
		CITY OF RICHMOND SITE	Is there a electric meter reading to record?	Yes
		CITY OF RICHMOND SITE	Check all priority panel valves, gauges, transmitters, etc. for leaks and corrosion and verify priority panel operation.	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Check area lighting.	Yes
		CITY OF RICHMOND SITE	Check all site signage?	Yes
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
	Site Cleaning (Routine / Requested)	CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Clean card reader	No
		CITY OF RICHMOND SITE	Pick up trash and debris at compressor, dispenser, and site in general.	Yes
		CITY OF RICHMOND SITE	Empty trash	Yes
		CITY OF RICHMOND SITE	Clean entire site as needed	Yes
		CITY OF RICHMOND SITE	Clean & wipe dispenser	No
	Storage Inspection	CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Check all PRV's on site for signs of failure or leakage?	Yes
		CITY OF RICHMOND SITE	Check RED locks on PRV's (RED only at CE owned sites), others should have a lock also.	Yes

Workflow	Section	Service Object	Question	Response
	Storage Inspection	CITY OF RICHMOND SITE	Drain fluid from bottles?	Yes
	Dryer Inspection	CITY OF RICHMOND SITE	Dryer dew point	0
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Check differential pressure across pre-filter and after-filter elements. Replace if required when gauge is approaching RED zone or 3-5 PSID.	Yes
		CITY OF RICHMOND SITE	Check dew point for reading below -60 F. (If required) Call maintenance planners or create your own dryer regeneration service order.	No
		CITY OF RICHMOND SITE	Notes: Document any issues and fixes	dryer not powered on due to plc control issue. Josh Chidester is looking further into it.
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND SITE	Visually inspect all reliefs valves for signs of failure and leakage	Yes
		CITY OF RICHMOND SITE	Check dryer dew point alarm settings	No
		CITY OF RICHMOND SITE	Drain all dryer pre/after filter housings.	Yes
		CITY OF RICHMOND SITE	Do you have a Regen test button on your PSB dryer?	No
	Data Collection w/ 5-Stage Compressor	CITY OF RICHMOND COMP01	Compressor hours. DO NOT ENTER DECIMALS PLEASE	4,482.0
		CITY OF RICHMOND COMP02	1st stage pressure	90.0
		CITY OF RICHMOND COMP02	5th stage pressure	3,700.0
		CITY OF RICHMOND COMP02	Ambient temperature:	86.0
		CITY OF RICHMOND COMP02	Suction Pressure	9.0
		CITY OF RICHMOND COMP02	2nd stage pressure	210.0
		CITY OF RICHMOND COMP02	3rd stage pressure	650.0
		CITY OF RICHMOND COMP02	4th stage pressure	1,600.0
		CITY OF RICHMOND COMP02	Oil pressure	130
		CITY OF RICHMOND COMP02	Compressor hours. DO NOT ENTER DECIMALS PLEASE	3,987.0
	Compressor Inspection	CITY OF RICHMOND COMP01	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP01	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND COMP01	Check the oil level in crankcase & day tank.	Yes
		CITY OF RICHMOND COMP01	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP01	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP01	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Any leaks found?	No
		CITY OF RICHMOND COMP01	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP01	Did you add any oil? Fill to the full mark each time.	No
		CITY OF RICHMOND COMP01	Weigh oil and record (Measure in grams)	96.0
		CITY OF RICHMOND COMP01	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP01	Any abnormal sounds and/or vibrations from equipment?	No
		CITY OF RICHMOND COMP01	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP01	Any leaks or corrosion found?	No
		CITY OF RICHMOND COMP02	Any leaks or corrosion found?	No
		CITY OF RICHMOND COMP02	Weigh oil and record (Measure in grams)	132.0
		CITY OF RICHMOND COMP02	Check alarm shutdown and history.	Yes
		CITY OF RICHMOND COMP02	Check all instrumentation (Pressure gauges, transducers, thermocouples, etc) for signs of leaking and corrosion.	Yes
		CITY OF RICHMOND COMP02	Did you add any oil? Fill to the full mark each time.	No
		CITY OF RICHMOND COMP02	Any abnormal sounds and/or vibrations from equipment?	No
		CITY OF RICHMOND COMP02	Any leaks found?	No

Workflow	Section	Service Object	Question	Response
	Compressor Inspection	CITY OF RICHMOND COMP02	Check belts for proper tension and alignment and signs of excessive wear?	Yes
		CITY OF RICHMOND COMP02	Do inlet & outlet air louvers operate correctly?	Yes
		CITY OF RICHMOND COMP02	Any leaks found?	No
		CITY OF RICHMOND COMP02	Drain the scrubbers, filters, vent tank, blow down tank, & discharge filter(s).	Yes
		CITY OF RICHMOND COMP02	Check the oil level in crankcase & day tank.	Yes
		CITY OF RICHMOND COMP02	Inspect all relief valves for Leaks?	Yes
		CITY OF RICHMOND COMP02	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes
		CITY OF RICHMOND COMP02	Inspect the methane sensor(s) and ensure they are reading on the HMI?	Yes
	Time-fill Posts Inspection	CITY OF RICHMOND SITE	Check to ensure all retractor cords are in place and operational.	Yes
		CITY OF RICHMOND SITE	Note any parking space numbers that needed repairs.	all cords operational
		CITY OF RICHMOND SITE	Drain k-rail filter(s)	No
		CITY OF RICHMOND SITE	Any leaks found?	No
		CITY OF RICHMOND SITE	Clean fueling nozzle	Yes
		CITY OF RICHMOND SITE	Check hoses & breakaways for the following: Leakage Soft spots or bulges Any excessive abrasions Cuts or cracks that expose or damage reinforcement Kinked or twisted Evidence of fitting displacement 3-way valves Nozzles and valves	Yes
		CITY OF RICHMOND SITE	Check all piping/tubing, valves, skid components, etc. for oil and gas leaks?	Yes

Technician Notes:

no new issues found on today's inspection. Josh is looking further into a potential plc problem with the dryer. everything else is functioning normally and the site is fully operational.

Customer Sign Off

Signature

Name

no one available

Date

8/3/2017