

CERTIFICATION OF WORK
(To be completed by the Contractor and saved in the Contractor's CMMS)

Facility:

VA 002

Date of Visit: 10-20-18

Contractor Personnel on Site:

- 1 Jim Molte
- 2 Pat Dawson
- 3 _____

Service Calls - Service Call Number and Description

- 1 Shut down chiller for seasons and cleaned
- 2 turned gas from summer to winter.
- 3 tested each boiler and cleaned (flushed)
Draw out 44, 45 + 46 + 5963
W/H - 59 ~~44~~ ~~45~~ ~~46~~

CERTIFICATION OF WORK

To be signed by the Contractor

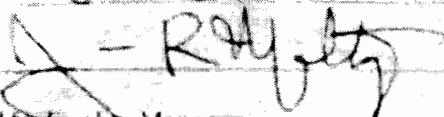
Print Name

James Molte

Date

10-20-18

Signed



To be signed by Facility Manager

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline.

Print Name Rank

Archie Mann

Date 200 Oct 2018

Signed



E-Mail:

PREVENTATIVE MAINTENANCE PROGRAM CHECKLIST

BOILER - ELECTRIC, GAS, OIL

SITE AND BLDG #: *Aflexsyschia V400Z*
LOCATION/RM #: *Mechanics Room* **WO#** *5946* **ASSET #** *2178*

MECHANIC *[Signature]* **SIGNATURE:** *[Signature]* **DATE:** *10/14/18*

START TIME: *10:00* **FINISH TIME:** *11:00*

ITEM	DESCRIPTION	NOTES
1	In addition to the procedure(s) outlined in this standard, the equipment manufacturer's recommended maintenance procedure(s) and/or instruction(s) shall be strictly adhered to.	<input checked="" type="checkbox"/>
2	Verify that the annual inspections for the boiler have been satisfactorily performed.	<input checked="" type="checkbox"/>
3	Follow lock out tag out procedures at all times. De-energize or discharge all hydraulic, electrical, mechanical, or thermal energy prior to beginning work.	<input checked="" type="checkbox"/>
	Wear appropriate respirator, goggles, and gloves while in contact with hazardous materials.	
4	All automatically and manually operated control devices provided for controlling operation and safety of the vessel, steam or water pressure, hot water temperature, combustion, and boiler water level shall be inspected under operating conditions.	<input checked="" type="checkbox"/>
5	All associated valves and piping, pressure and temperature indicating devices, metering and recording devices, and all boiler auxiliaries shall be inspected under operating conditions.	<input checked="" type="checkbox"/>
6	Prepare boiler for internal inspection in the following manner	
7	Fuel supply and ignition system shall be locked out.	<input checked="" type="checkbox"/>
8	Water shall be drained off and water side thoroughly washed out	<input checked="" type="checkbox"/>
9	Manhole and handhole plates, washout plugs, and inspection plugs in water column connections shall be removed	<input checked="" type="checkbox"/>
10	The boiler shall be cooled and thoroughly cleaned.	<input checked="" type="checkbox"/>
11	All grates of internally fired boilers shall be removed.	<input checked="" type="checkbox"/>
12	Pressure gauges shall be removed and tested.	<input checked="" type="checkbox"/>
13	Any leakage of steam or hot water into the boiler shall be prevented by disconnecting the pipe or valve at the most convenient point.	<input checked="" type="checkbox"/>
14	Before opening the manhole and entering any part of the boiler, The required steam or water system stop valves must be closed, tagged, and padlocked. All drain valves or cocks located between the two valves shall be opened.	<input checked="" type="checkbox"/>
15	Inspector will not enter boiler until satisfied that necessary safety precautions and pre inspection preparations have been made.	<input checked="" type="checkbox"/>

16	If a boiler has not been properly prepared for an internal inspection, the inspector should decline to make the inspection	<input checked="" type="checkbox"/>	done
17	If materials to be worked on are known or suspected to contain asbestos, check the building's asbestos management plan to see if they have been tested for asbestos if they are suspect but have not been tested, have them tested. Manage asbestos in accordance with the plan	<input checked="" type="checkbox"/>	W/A
18	Account for all tools, materials, and equipment before closing boiler.	<input checked="" type="checkbox"/>	done
1	Check boiler room for ventilation in accordance with the American Gas Association (AGA) burner requirements	<input checked="" type="checkbox"/>	Good
2	Check operation of all gas controls and valves including manual gas shutoff, petal gas regulator safety shutoff valve (solenoid), automatic gas valve, petal solenoid valve butterfly gas valve, motor, and linkage to air louver safety petal solenoid (if used.)	<input checked="" type="checkbox"/>	all good
3	Check flue connections for tight joints and minimum resistance to air flow (combustion chamber, flues, breeching, and chimney are clear before firing.)	<input checked="" type="checkbox"/>	good
4	Draft regulators require slightly negative pressure in the combustion chamber at maximum input	<input checked="" type="checkbox"/>	all good
5	On forced draft burners, gas manifold pressure requirements should correspond with modulating (pumper) valve in full open position and stable at all other firing rates.	<input checked="" type="checkbox"/>	good
6	Check burner for flashback and tight shutoff of fuel.	<input checked="" type="checkbox"/>	good
7	Check operation of automatic controls and combustion flame safeguards. Clean and adjust, if necessary	<input checked="" type="checkbox"/>	all good
8	Replace fusible plugs, if applicable.	<input checked="" type="checkbox"/>	good
9	Operation and adjustments should conform with manufacturer's instructions.	<input checked="" type="checkbox"/>	done

Note The technician shall perform any repairs identified during PM up to \$250 (direct labor and direct material cost) per PM occurrence for any deficiencies found exceeding \$250 open a corrective maintenance (CM) ticket and include the Asset #, WO #, photos, and a detailed description of the deficiency. To be performed by: HVAC Technician

Additional Notes:

- Shut down Chiller + Pumps @ breaker panel
- Valved over System from Summer to winter
- Opened all gas valves to boilers
- Opened supply + return valves to boilers
- Checked B.A.S System from Summer to winter
- Cleaned + flushed each boiler
- Verified all 3 boiler fired