

# Annual Boiler Inspection Results (Michigan CSD-1 Compliance)

*Air Serv of Washtenaw*

Inspection Date: \_\_\_\_\_

734 222-0902

Inspection/ Action Description	Pass	Fail	Notes
<b>D-1 DAILY</b>			
(a) Check gages, monitors, and indicators.			
(b) Check instrument and equipment settings.			
(c) For high-pressure boilers, test low-water fuel cutoff device and alarm.			
(d) Check burner flame.			
<b>D-2 WEEKLY</b>			
(a) For low-pressure boilers, test low-water fuel cutoff device and alarm.			
(b) Check igniter.			
(c) Check flame signal strength.			
(d) Check flame failure detection system.			
(e) Check firing rate control.			
(f) Make aural and visual check of pilot and main fuel valves.			
<b>D-3 MONTHLY</b>			
(a) Check flue, vent, stack, or outlet dampers.			
(b) Test low draft, fan air pressure and damper position interlocks.			
(c) Check low fire start interlock.			
(d) Test high and low oil pressure and temperature interlocks.			
(e) Test high and low gas pressure interlocks.			
<b>D-4 SEMI-ANNUALLY</b>			
(a) Re-calibrate all indicating and recording gages.			
(b) For steam boilers, perform a slow drain test of the low-water fuel cutoff device.			
(c) Check flame failure detection system components.			
(d) Check firing rate control.			
(e) Check piping and wiring of all interlocks and shutoff valves.			
(f) Inspect burner components.			
<b>D-5 ANNUALLY</b>			
(a) Flame failure detection system, pilot turndown test.			
(b) Flame failure detection system, test for hot refractory hold in.			

# Annual Boiler Inspection Results (Michigan CSD-1 Compliance)

*Air Serv of Washtenaw*

Inspection Date: \_\_\_\_\_

734 222-0902

Inspection/	Action Description	Pass	Fail	Notes
(c)	Check dual fuel change over control.			
(d)	Test high limit and operating temperature or steam pressure controls.			
(e)	Replace vacuum tubes, scanners or flame rods in accordance with manufacturer's instructions.			
(f)	Conduct a combustion test.			
(g)	Check all coils and diaphragms; test other operating parts of all safety shutoff and control valves.			
(h)	Test fuel valve interlock switch in accordance with manufacturer's instructions.			
(i)	Perform leakage test on pilot and main gas and/ or oil fuel valves.			
(j)	Test purge air switch in accordance with manufacturer's instructions.			
(k)	Test air / steam interlock in accordance with manufacturer's instructions.			
(l)	Test burner position interlock in accordance with manufacturer's instructions.			
(m)	Test rotary cup interlock in accordance with manufacturer's instructions.			
(n)	Test low fire start interlock in accordance with manufacturer's instructions.			

**D-6 AS REQUIRED**

(a)	Recondition or replace low water fuel cutoff device.			
(b)	For oil-fired burners, clean atomizers and oil strainers.			
(c)	For gas-fired burners, check drip leg and gas strainers.			
(d)	Flame failure detection system, pilot turndown test.			
(e)	Flame failure detection system, test for hot refractory hold in.			

Hot water or steam boiler:	
Residential or commercial boiler:	
If residential, number of dwelling units heated by boiler:	
If commercial, process or space heating boiler:	
Manufacturer's BTUH boiler input rating:	
Manufacturer's BTUH boiler output rating:	
Boiler efficiency:	
Year of boiler installation:	
Boiler manufacturer:	
Boiler model #:	

Technician: \_\_\_\_\_