

Item Recorded		Digital Acquisition Required?	Required Data Recording		For Use in Calculations, Section 2.4	
			Every 1 Minute	Every 15 Minutes	Average During Test Period	Total During Test Period
Time, minutes/seconds		Yes	X			
Flue Gas Temperature, °F		Yes	X		X	
Pressure in Firebox, in H ₂ O (if required per Section C3.4 of ANSI/AHRI Standard 1500-2015)		No		X	X	
Flue Gas Smoke Spot Reading (oil)		No		X	X	
Room Air Temperature		Yes	X			
Fuel Weight or Volume, lb (oil) or ft ³ (gas)		Yes		X		X
Test Air Temperature, °F		Yes	X			
Draft in Vent, in H ₂ O (oil and non-atmospheric gas)		No		X	X	
Flue Gas CO ₂ or O ₂ , %		No		X	X	
Flue Gas CO, ppm		No		At Least Start and End	X	
Relative Humidity, %		No		X		
STEAM	Separator water weight, lb	No		At Least Start and End		X
	Steam Pressure, in Hg	No		X	X	
	Steam Temperature, °F (if used)	Yes	X		X	
	Condensate collected, or water fed, lb	No		X		X
WATER	Outlet Water Temperature, °F	Yes	X			
	Water fed, lb	No	X	X		X
	Inlet Water Temperature at Points A and B of Figure 9 of ANSI/AHRI Standard 1500-2015, °F	Yes	X			