

State of Arkansas Boiler Inspection
ASME CSD-1 Checklist

This form or a similar form must be completed and available in the boiler room for the Inspector to view.

Control/Device	Manufacturer	Model #	Date Tested
Operating Controls			
Low-Water Fuel Cutoff CW-120(a), CW-140	_____	_____	_____
Forced Circulation CW-210(a)	_____	_____	_____
Steam Pressure CW-310(b)	_____	_____	_____
Water Temperature CW-410(b)	_____	_____	_____
Safety Controls			
Low-Water Fuel Cutoff CW-120(a)(b)CW-130, 140	_____	_____	_____
Forced Circulation CW-120(b)	_____	_____	_____
High Steam Press. Limit CW-310(c)	_____	_____	_____
High Water Temp. Limit CW-410(b)	_____	_____	_____
Fuel Safety Shutoff Valve, Main CF-180(b)(2), CF-180(b)(3)	_____	_____	_____
Pilot Safety Shutoff Valve CF-180(c)	_____	_____	_____
Atomizing Medium Switch CF-450(b)	_____	_____	_____
Combustion Air Switch CF-220	_____	_____	_____

High Gas Pressure
CF-162

Low Gas Pressure
CF-162

Low Oil Pressure
CF-450(a)

High Oil Temperature
CF-450(c)

Low Oil Temperature
CF-450(d)

Purge Air Flow
CF-210

Flame Safeguard(Primary)
CF-310, CF-320

Flame Detector
CF-310, CF-320

Low-Fire Start Switch
CF-610

Manufacturer	<i>Safety or Safety Relief Valves</i>		CW-510 ; CW-520		Date Tested
	Model	Size	Capacity		
#1					
#2					
#3					
#4					

Representing Contractor
Name / Signature

Representing Installer
Name / Signature

Arkansas Boiler Law 01.01-012 CSD-1 testing required

This applies to steam boilers with inputs of 400,000 btu. Hr to 12,500 btu/hr. 11.6 to 362 HP.

Testing of control devices must be completed and documented every year.

010.01-012

A. All new and used boilers, unfired pressure vessels and steam generating apparatus installed in the State shall be built to conform with the several specifications and provisions of The Boiler and Pressure Construction Code of the American Society of Mechanical Engineers, (ASME)(2004 Edition), specifically, of the following sections of the ASME Codes (2004 edition) are adopted by reference and incorporated herein:

B. The minimum standards for control and safety devices shall be Control and Safety Devices for Automatically Fired Boilers, ANSI/ASME, CSD-1(1998 Edition and 1999 Addenda), which is adopted by reference and incorporated herein.

Part CG

General

CG-100 GENERAL REQUIREMENTS

CG-110 Scope

The rules of this Standard cover requirements for the assembly, installation, maintenance, and operation of controls and safety devices on automatically operated boilers directly fired with gas, oil, gas-oil, or electricity, subject to the service limitations, exclusions, and acceptance of other listings in CG-120, CG-130, and CG-140, respectively. Burner or burner assemblies installed on boilers or as a replacement burner shall comply with the requirements of CP-110 and CP-410 for gas and oil firing, respectively. The use of a gaseous or oil fuel not listed in the definitions has not been evaluated, and special considerations may be required.