



Ohio Administrative Code

Rule 1301:3-5-10 Boiler operator and steam engineer experience requirements.

Effective: April 10, 2023

To establish compliance with the experience requirement in section 4104.19 of the Revised Code, an applicant for licensing under section 4104.19 of the Revised Code shall specify in writing to the superintendent that the applicant has had education, active participation, direct observation, or practical engagement in the activities listed here relevant to the equipment for which licensing is sought, verified in writing by a person licensed in accordance with section 4104.19 of the Revised Code to operate the equipment for which the application is being made.

(A) No person shall be examined for licensing as a low-pressure boiler operator who has not first demonstrated that they meet one of the following experience qualifications:

(1) Two thousand hours of operating experience associated in the direct care, custody, and control of the fuel, combustion air, water level, steam pressure, system load, and supporting equipment of a steam boiler not exceeding fifteen pounds per square inch; or

(2) Four hundred hours of operating experience associated in the direct care, custody, and control of the fuel, combustion air, water level, steam pressure, system load, and supporting equipment of a steam boiler not exceeding fifteen pounds per square inch and the successful completion of a fifty hour steam boiler operation course approved by the superintendent.

(B) No person shall be examined for licensing as a high-pressure boiler operator who has not first demonstrated that they meet one of the following experience qualifications:

(1) Two thousand hours of operating experience associated in the direct care, custody, and control of the fuel, combustion air, water level, steam pressure, system load, and supporting equipment of a steam boiler exceeding fifteen pounds per square inch;

(2) Seven hundred hours of operating experience associated in the direct care, custody, and control of the fuel, combustion air, water level, steam pressure, system load, and supporting equipment of a



steam boiler exceeding fifteen pounds per square inch and the successful completion of a seventy-five hour steam boiler operation course approved by the superintendent; or

(3) Current possession of a low-pressure boiler operator license with an additional four hundred hours of operating experience associated in the direct care, custody, and control of the fuel, combustion air, water level, steam pressure, system load, and supporting equipment of a steam boiler exceeding fifteen pounds per square inch and the successful completion of a seventy-five hour steam boiler operation course approved by the superintendent.

(C) No person shall be examined for licensing as a stationary steam engineer who has not first demonstrated that they meet one of the following experience qualifications:

(1) Two thousand hours of operating experience associated in the direct care, custody, and control of the system load, turbine speed, lubrication, temperatures, and vibrations of a steam turbine exceeding thirty horsepower or two thousand hours of operating experience associated in the direct care, custody, and control of the fuel, combustion air, water level, steam pressure, system load, and supporting equipment of a steam boiler exceeding fifteen pounds per square inch;

(2) Seven hundred hours of operating experience associated in the direct care, custody, and control of the system load, turbine speed, lubrication, temperatures, and vibrations of a steam turbine exceeding thirty horsepower or one thousand hours of operating experience associated in the direct care, custody, and control of the fuel, combustion air, water level, steam pressure, system load, and supporting equipment of a steam boiler exceeding fifteen pounds per square inch and the successful completion of a one hundred twenty-five hour steam boiler and steam turbine operation course approved by the superintendent;

(3) Current possession of a high-pressure boiler operator license with an additional four hundred hours of operating experience associated in the direct care, custody, and control of the system load, turbine speed, lubrication, temperatures, and vibrations of a steam turbine exceeding thirty horsepower and the successful completion of a one hundred twenty-five hour steam boiler and steam turbine operation course approved by the superintendent;

(4) Two thousand hours of operating experience associated in the direct care, custody, and control of



the system load, turbine speed, lubrication, temperatures, and vibrations of a steam turbine in excess of one hundred horsepower; or

(5) Two thousand hours of operating experience associated in the direct care, custody, and control of the system load, turbine speed, lubrication, temperatures, and vibrations of a steam turbine for electrical generation.