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**ARKANSAS DEPARTMENT OF LABOR
BOILER INSPECTION DIVISION
19421 WEST MARIONHAM
LITTLE ROCK, AR 72205
(501) 682-4513**

THIS IS A GENERAL STUDY GUIDE. THE SAMPLE QUESTIONS ARE ONLY EXAMPLES OF POSSIBLE QUESTIONS ON THE EXAMINATION.

GENERAL INFORMATION AND SAMPLE STUDY QUESTIONS

**BOILERS SUBJECT TO BE OPERATED BY LICENSED OPERATORS
AND QUALIFICATIONS FOR LICENSING**

This Division is regularly requested by employers, companies, owners and operators of steam boilers to advise the recommended qualifications necessary in order for an operator to participate in an examination and obtain a boiler operator license as required by the State of Arkansas Boiler and Pressure Vessel Law, Act 494 of 1961.

The Arkansas Boiler Safety Law, Act 494 of 1961, Section 7, provides the following:

"All boilers subject to the provisions of this Act shall either (1) be continuously monitored by a mechanical or electronic device approved by the Director of the Arkansas Department of Labor, or (2) be checked at least once each hour when a plant is in operation or when any public building is occupied, provided such boilers are equipped with approved-type automatic appliances. Boilers that are manually operated must be under constant attendance whenever they are in use for any purpose. Boilers fifty (50) horsepower and over, as noted by the manufacturer, and boilers used in hospitals, hotels, schools, theatres, and office buildings, but not limited to must be under regular attendance by a licensed operator who holds a certificate of competency issued by the Boiler Inspection Division.

The Boiler Inspection Division shall conduct examinations for each applicant seeking a boiler operator's license. The examination may be either written or oral.

Each applicant shall pay a fee of twenty-five (\$25.00) dollars for the examination and first license. Each license must be renewed annually. The annual renewal fee shall be seventeen (\$17.00) dollars. Before the applicant may participate in an examination, he must have had not less than six (6) months' on-the-job training. Proof of proper training must be furnished to the Department prior to examination.

Any operator found operating a boiler without a certificate issued by the Boiler Inspection Division, or operating a boiler knowing it to be defective, shall have his license revoked at once."

It is important that the Boiler Operator have a thorough knowledge and understanding of the purpose of the following valves, controls and fittings, as required on steam boilers:

1. **SAFETY VALVE:** Prevents boiler pressure from rising above the setting of the valve by relieving excessive steam pressure, guarding against hazards of over pressure.
2. **STEAM SUPPLY STOP VALVE:** The valve installed at the steam outlet of the boiler to shut off the flow of steam.
3. **STEAM PRESSURE GAUGE:** Indicates the steam pressure in the boiler in _____ pounds per square inch.

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