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**Operational management of steam heating for hospitals
(English Translation)**

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Basic requirements
 - 4.2 Management Letter
 - 4.3 Duties
 - 4.4 Management System
 - 4.5 Archive Management
- 5.2 Steam boiler
- 5.3 Thermal network
- 5.5 Decompression system
- 5.6 Heat exchange system
- 6 Energy management
 - 6.1 Measurement
 - 6.2 Energy saving

1 Scope

This standard specifies the management requirements for the operation of hospital heating systems.

This standard applies to the operation of hospital-operated fixed steam boilers (or thermal stations) with water as the medium and the thermal pipeline network connected to them.

Management, other medical institutions with similar heating systems can refer to implementation.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version is used in this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 4272 General rules for thermal insulation of equipment and pipelines GB/T 8175 Equipment and Pipeline Insulation Design Guidelines GB/T 12244 General requirements for decompression rooms GB/T 12712 Technical requirements for condensate recovery of

steam heating system and steam drainage room CJJ 34 Design Code for Urban Thermal Networks CJJ/T 88 Technical regulations for safe operation of urban heating systems WS 308 Medical Institution Fire Safety Management

3 Terms and definitions

The terms and definitions defined in GB/T 4272, GB/T 8175, GB/T 12244, GB/T 12712, and CJJ/T 88 and the following terms and definitions apply in this document.

Boiler

Utilize the thermal energy released by the combustion of fuel or other thermal energy to heat water or other working fluids (compressible in the thermal cycle that can change the five phases of heat and work) (Condensate) to produce steam, hot water or other working fluid with specified parameters (temperature, pressure) and quality.

Steam boiler steam boiler Boiler that uses the heat energy released from fuel combustion or other heat energy to heat water to produce steam with specified parameters and quality. Soda in the boiler the system consists of closed containers and pipes, which are heated by the thermal energy released by the combustion of fuel or other thermal energy, and bear the pressure of fluid pressure during work container.

Heat supply piping network Hospital-owned process pipes, utility pipes, and other auxiliary pipes for transporting heat medium.

The heat pipe network consists of sub-cylinders, heat exchangers, related meters (including pressure gauges, thermometers, flow meters, etc.), and valves (including pressure reducing valves, water drains, Globe valve, safety valve, etc.), heat compensator, filter, steam separator, piping and its thermal insulation and anticorrosion system.

Pressure reducer valve Through adjustment, the inlet pressure is reduced to a certain required outlet pressure, and the outlet pressure is automatically maintained stable by the energy of the medium itself Fixed reading.

Trap drain water

The condensate, air and other non-condensable gases in the steam system are expelled as soon as possible, while the steam leakage Device.

Heat exchanger

A device that transfers heat from one heat transfer medium to another.

4 Basic requirements

4.1-General principles

4.1.1

The hospital shall

4.1.3 Steam supply

4.1.4 New installation,

4.1.5 Hospital

Professional skills,

4.1.6 Steamed Ravioli

4.1.7 Steaming,

4.3 Duties

4.3.1

The hospital should be brother

4.3.2

The hospital shall determine

4.3.3 Steam heating manager Renchuan

4.3.4 The head of the management department should fulfill the disadvantage

- a) A comprehensive page of the heating system operation of the unit is congratulated on the work plan of the heating system; organize the implementation of steam heating daily Operation management; Responsible for communication and technical support with relevant functional departments;
- b) Develop a heating service management system, operating procedures and maintenance plans, and check the implementation of the system and Evaluation
- c) Determine safety responsibilities by level, organize safety inspections, and implement safety operating procedures;
- d) Responsible for accident investigation and accident cause analysis, put forward suggestions for handling accidents, and implement preventive measures;
- e) Develop a management system for accounting fees, establish a heating budget and cost accounting system for the entire hospital, and check the implementation of the system Review and evaluation;
- f) organize employees' safety production education and technical training ";
- g) According to the actual situation of the unit, organize the formulation of emergency

plans, and regularly organize emergency drills.

4.3.5 Operational personnel shall perform the following duties.

- a) Familiar with relevant rules and regulations, master the working principle and operating characteristics of heating systems, and have relevant working skills;
- b) Correctly maintain and operate equipment, and carry out energy-saving, environmental protection, water quality, heat metering and heating quality operation and maintenance in accordance with the system;
- c) Implement the relevant safety management system in the operation and maintenance of the heating system, reject the illegal operation instructions, and conduct illegal operations for others.

Discourage and stop;

- d) Correctly deal with various hidden dangers of accidents. Once an accident occurs, report it to management immediately, handle it in accordance with the accident plan handling procedures, and ensure that Protect the site and make records; assist the safety management department to identify the cause of the heating operation accident, implement solutions and improve measures j
- e) proper use of various protective gear and fire fighting equipment;
- f) Put on your work clothes and keep your work environment tidy.

4.4 Management System

4.4.1

The hospital shall establish and improve various management systems in accordance with the characteristics of the unit's steam heating system and equipment, and announce implementation.

4.4.2

The steam heating operation management system shall include the post responsibility system, the operating regulations of the boiler and its auxiliary machinery, the roving inspection system, and the water quality management system.

Management system, equipment maintenance and regular inspection system, transfer system, security system, accident reporting system, training system, sanitation System, file management system, etc.

4.4.3

The inspection system of the steam heating system shall include the following.

- a) The cyclic inspection of the steam heating system should be performed once every 4