Safety Oil And Gas Fired Efficiency Boiler Used In Power Plant Industrial

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: SFGL
- Certification: CCC,CE
- Model Number: SZS
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Delivery Time: 30 Days after Payment
- Payment Terms: L/C, D/A, D/P, T/T
- Supply Ability: 1000 sets per year

Product Specification

- Usage: Power Generation
- Efficiency: High
- Application: Industrial
- Size: Large
- Material: Metal
- Durability: Long-lasting
- Safety Features: Advanced
- Power Source: Electricity
- Type: Machinery
- Maintenance: Regular
- Highlight: **Safety Boiler Used In Power Plant**, **Industrial Boiler Used In Power Plant**, **Safety power plant boiler**

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Product Description

Oil and Gas Fired efficiency Boiler high quality

The double-drum vertical D-type arrangement is adopted, and the important pressure components such as the drum are not directly protected by high-temperature flame radiation and erosion.
The boiler adopts the design concept of large furnace, which burns completely, is not easy to deposit carbon, has the characteristics of high efficiency and sufficient output, and low nitrogen oxide emission.
The boiler adopts a self-supporting type structure, saving steel frame and space.
The economizer and condenser adopt the spiral finned tube type to enhance heat transfer, and the countercurrent arrangement has good heat transfer performance.
The condenser is made of special ND steel, which has good corrosion resistance to condensed water and greatly improves the service life.
Reasonable flue structure, smoke box hydrophobic structure, condensed water is easy to discharge, collect and process.
Large-scale assembly and supply, reducing the workload of on-site installation.
The economizer and condenser can be placed on the upper part of the boiler according to the site conditions.
Energy saving and environmental protection
The boiler adopts the design idea of large furnace to reduce the heat load of the furnace volume. With professional burners, the NOx emission is as low as <30mg/Nm³.
99% of the composition of natural gas is methane (CH4), which contains a large amount of hydrogen (H). The flue gas after combustion contains a large amount of water vapor. According to theoretical calculations, the proportion of water vapor in the flue gas is about 18%. If the water vapor is condensed into water and the latent heat of vaporization is recovered, about 5% of the heat is recovered, and the boiler efficiency can be increased to > 100%.

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