

Expansion of Almaty Hot and Power Station discussed in this thesis project. Produced thermal design of high-pressure heater. In method of successive approximations is calculate the U and heat exchange surface. After calculate the heat exchange surface area, it will be select the type of heater. The content of thesis project is 79 page, 2 illustrations were used, has 27 literature sources.

Keywords: expansion, high-pressure heater, heat transfer. square (area), heat exchange