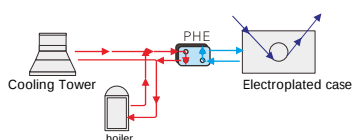
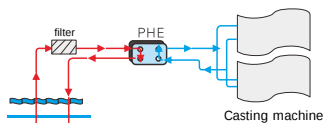


METALLURGICAL INDUSTRY 冶金工业



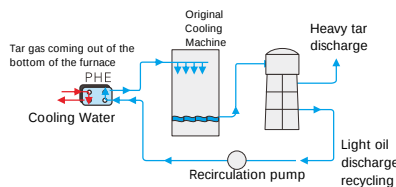
Heating and cooling Zinc plating

Through the plate heat exchanger, the electric galvanizing liquid is cooled by cooling tower water or heated by boiler steam to achieve effective temperature control.



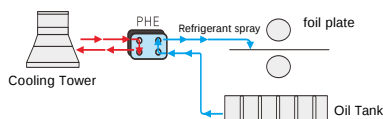
Casting machine cooling

The closed circulating water in the jacket of the cooling equipment can avoid blockage or corrosion, and can also be used in casting water, spray water, bearing cooling water, bending machine cooling water, etc. If the cooling water is seawater or salt water, plate heat exchanger with titanium plate material.



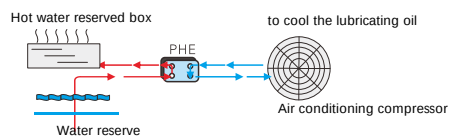
Cooling ammonia in tar plant

The liquid is recirculated to remove ammonia, tar, naphthalene and other impurities from the tar furnace gas. These liquids need to be cooled through heat exchanger. The gas of the tar furnace is firstly removed by the filter tower, and then enters the plate through the recirculation pump, and then returns to the tar furnace after cooling.



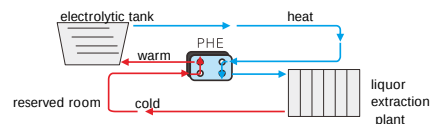
Roller cooling

When aluminum and copper foil are rolled, they are heated by friction, and they need to be cooled by spraying refrigerant (oil mist), and heat exchange between plate heat exchanger and refrigerant is used to maintain the appropriate temperature.



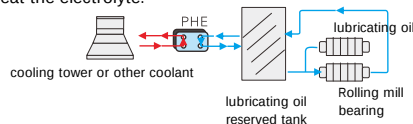
Heat recovery of compressor oil

The lubricating oil in the air compressor is heat exchanged through the plate heat exchanger, the lubricating oil is cooled and then returned to the air compressor to work, and the heated water enters the hot water storage box.



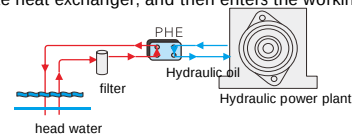
The electrolyte regenerates heat

In electrolytic metallurgy method, the electrolytic liquid is heated into the electrolytic chamber by means of electrolysis. The heat generated by the electrolysis passes through the plate heat exchanger in the process of flowing back to the solution extraction workshop with the liquid, and the heat exchange is carried out with the electrolyte before entering the electrolytic chamber to preheat the electrolyte.



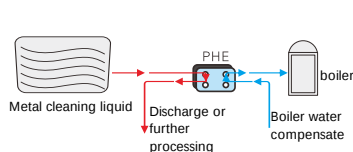
Lubricating oil cooling

The lubricating oil is exchanged with the cold source such as the cold water tower through the plate heat exchanger, and then enters the working cycle after cooling.



Hydraulic oil cooling

The hydraulic oil of the hydraulic power unit is cooled by heat exchange between the plate heat exchanger and the filtered water source.



Waste liquid heat recovery

The waste liquid of cleaning metal is exchanged with the boiler feed water through the plate heat exchanger, and the preheated water enters the boiler again.

