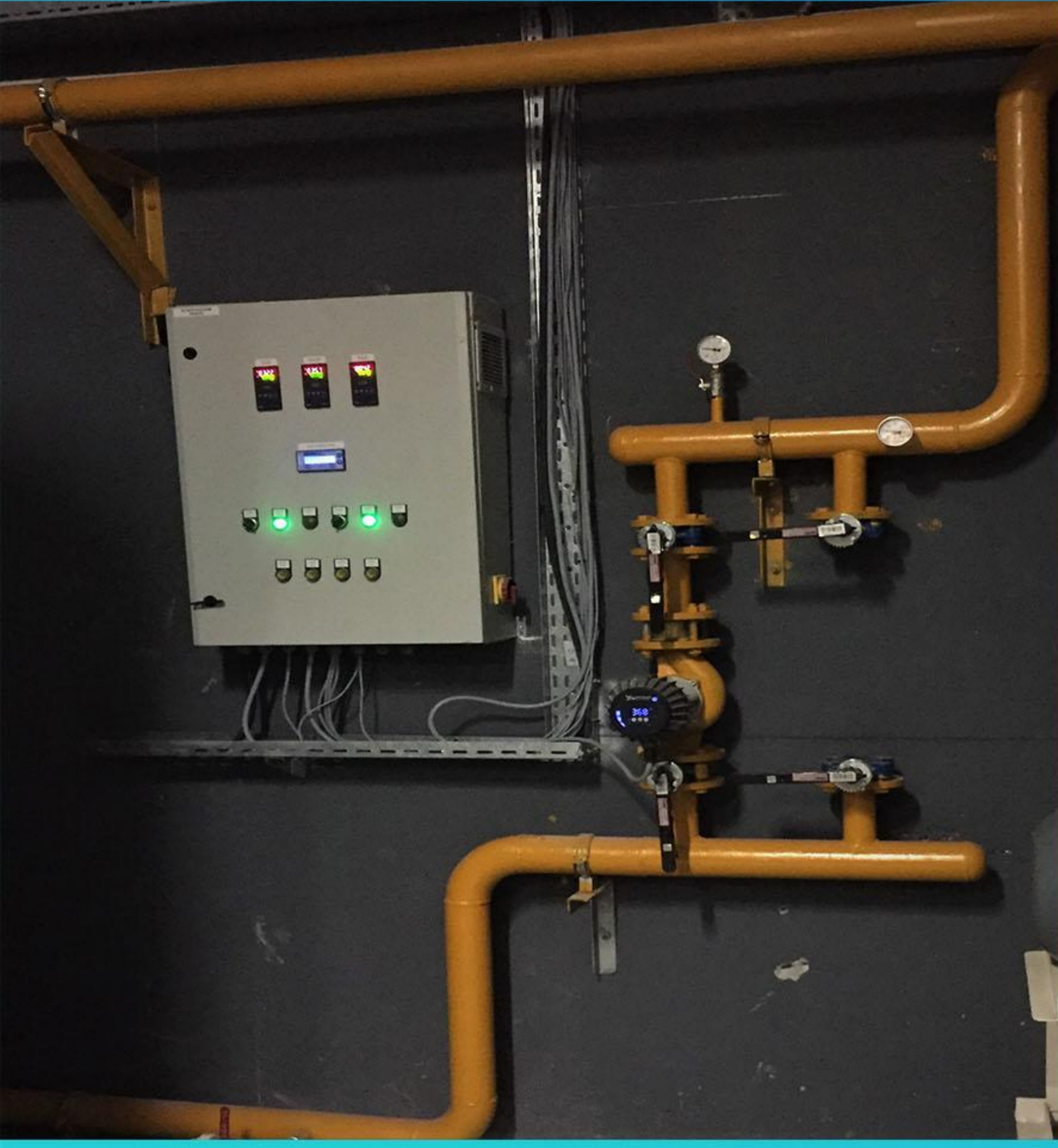


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Turnkey Hot Dip Galvanizing Plant
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Chimney Heat Recovery Systems

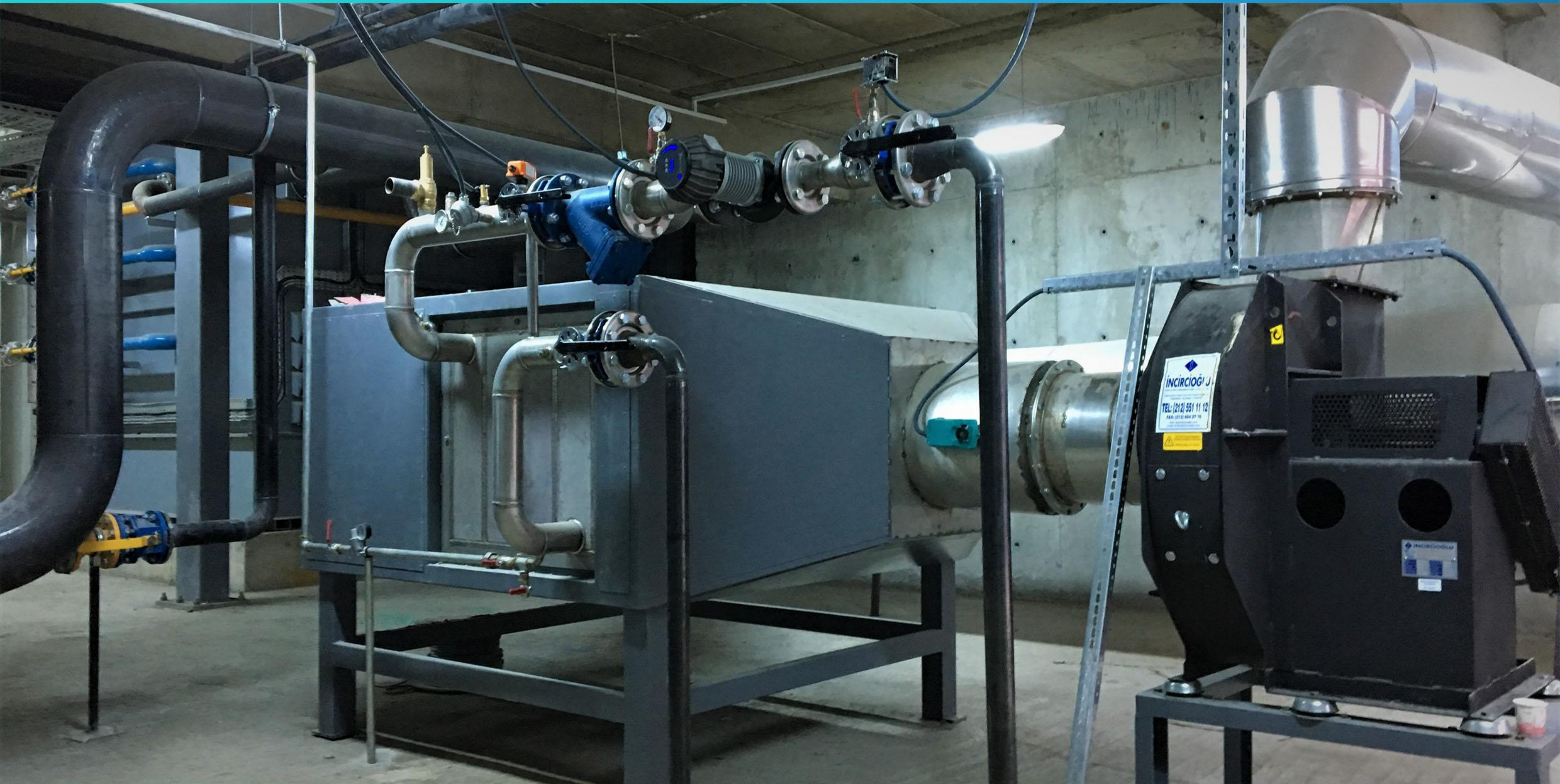


Hot water is obtained with heat exchanger made from stainless steel by using hot stack gas comes from the furnace chimney.

- This hot water obtained from the hot stack gas is transferred to the heating coils in the surface treatment baths to reach the desired temperature. This system is a closed loop system.

EQUIPMENT

- Frequency controlled circulation pumps,
- Flow meters, motor valves, pressure gauges,
- Measurement and impression of the stack gas temperature from three different points,
- The possibility of working with the galvanized furnace,
- audible and light warning signal in case of a fault,
- Expansion and balancing system,
- System control board,



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- From the air-to-air waste gases thrown from the galvanized furnace shaft the drying oven with the help of the economizer to the required temperature used to reach.
- The system operates in line with the data received from the galvanizing furnace system.
- Heat resistant consumables are used in economizer control.
- Economizer is manufactured using stainless steel.
- Design change according to the size of the drying chamber,
- Synchronized with another independent heat source as needed working possibility.

