

Armstrong

Your Solutions Provider
for Steam Systems



ARMSTRONG KNOW-HOW

Armstrong International at a glance:

- A family-owned company founded in the U.S. in 1901 and now run by the 5th generation.
- Ranked number 2 in the world in its field, with total sales of 150 million dollars and 700 employees in the U.S., Europe and Asia.
- European branch created in Belgium in 1969, which serves 40 countries (in Europe, the CIS, the Middle East and Africa) through its network of over 60 Representatives and 3 Direct Sales Offices (in Belgium, France and Italy).

Our Mission

To enable our customers to increase the efficiency of their Steam, Air and Hot Water Systems by offering complete solutions that combine products and expertise in the form of audits and recommendations.

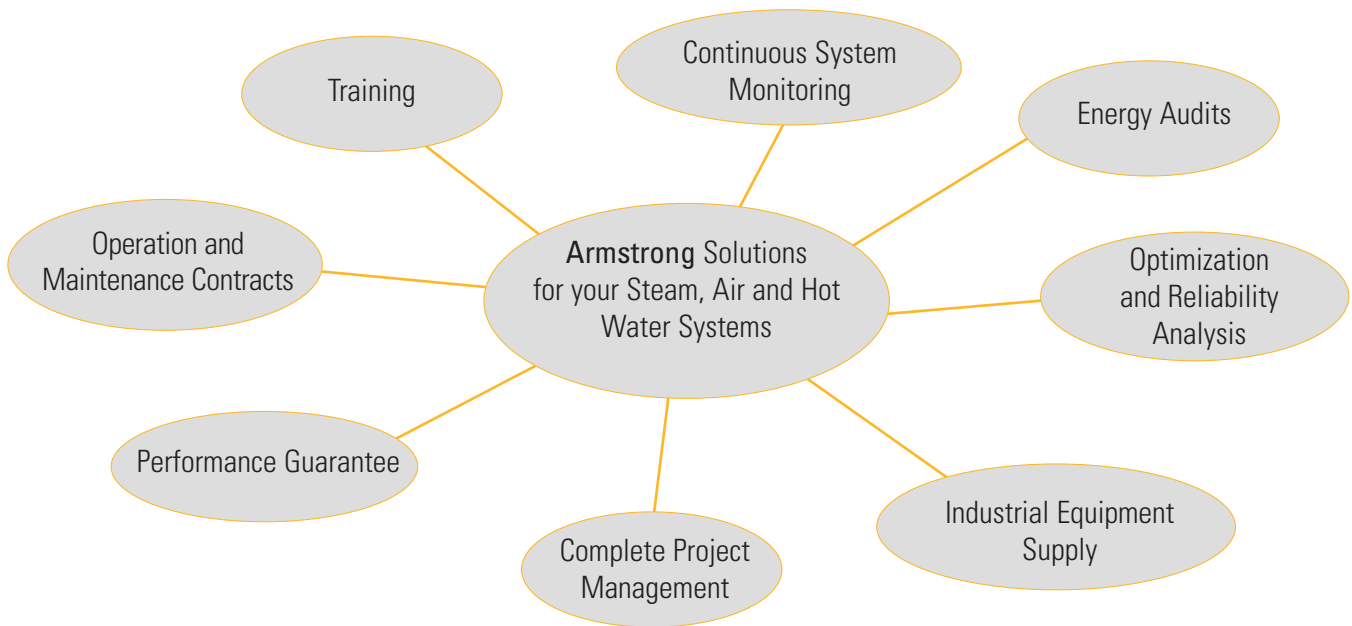
At Armstrong, system efficiency is a multidiscipline concept. We look at it in terms of:

- Energy
- Environment
- Production
- Maintenance
- Safety

Armstrong helps you eliminate functional problems that are inherent to your installations, such as:

- **Steam Production:** Poor energy efficiency
- **Steam Distribution:** Water hammers, leaks, insulation
- **Heat Exchange:** Water hammers, corrosion, unstable temperature, joint leaks, poor energy efficiency, insulation problems
- **Hot Water:** Unstable temperature, fears over legionella disease, poor energy efficiency
- **Temperature and Pressure Regulation:** Frequent maintenance, regulation instability, noise level
- **Air Humidification:** Frequent maintenance, unstable humidity rate, flooded ducts
- **Liquid, Air and Steam Trapping:** Losses of live steam, flooded installation, frequent maintenance
- **Condensate Recovery:** Abnormal pump maintenance, low condensate recovery rate, water hammers, loss of flash steam





7 Armstrong solutions, one performance guarantee:

- **Energy Audits:** Improving energy efficiency; reducing CO₂ and other waste emissions; computing specific consumptions (Energy Efficiency Index).
- **Optimization and Reliability Analysis:** Increasing production and reducing shut-downs; simplifying the system and making it reliable thereby reducing maintenance needs; improving safety.
- **Complete Project Management:** Supervising implementation.
- **Industrial Equipment Supply:** Delivering and deploying quality equipment to optimize the solution's results.
- **Continuous System Monitoring:** Measurement campaigns and automatic system monitoring.
- **Operation and Maintenance Contracts:** Frequent visits for controlling the installation's efficiency and performing maintenance; continuous "Operation & Maintenance" management.
- **Training:** Sharing know-how through e-learning, webinars or seminars at our specialized laboratory or at your site.

Performance guarantee: Calculating Return On Investment (ROI); amortization based on system performance – quantity of flash steam or condensates recovered, trap system performance rate, increased production, etc.