



BOUSTEAD INTERNATIONAL HEATERS IS THE WORLD'S LEADING COMPANY IN THE DESIGN AND SUPPLY OF DIRECT FIRED HEATERS, WASTE HEAT RECOVERY UNITS (WHRU), ONCE THROUGH STEAM GENERATORS (OTSG) AND HEAT RECOVERY STEAM GENERATORS (HRSG).

With excellent engineering design and project management skills in Direct Fired Heaters and WHRUs BIH is the recognised expert in heat transfer design for the oil, gas and petrochemical markets. BIH designs equipment to international standards such as API 560 or ISO13705 together with the standards specified by our Client.

DIRECT FIRED HEATERS

As a global market leader, BIH is a specialist in designing, engineering and supplying direct fired process heater systems to the downstream oil, gas and petrochemical industries. BIH provide high integrity solutions for a wide range of diverse applications that meet Client's challenges with reliable, safe and cost-efficient solutions that have minimal environmental impact.

Direct Fired Heaters are designed to international standards such as API 560 or ISO13705 as a norm. In supplying heaters worldwide, BIH take into consideration the national standards of the country of installation



WASTE HEAT RECOVERY UNITS

BIH is at the forefront specialists in the design and supply of Waste Heat Recovery Units (WHRUs) offering both onshore and offshore solutions. BIH have supplied over 200 WHRUs to customers around the world. As a natural extension of our Fired Heater designers, BIH is able to provide efficient solutions to the recuperation or regeneration of waste heat from compressors and turbines that would otherwise be lost.

BIH has taken the formula applied to fired heater design and duplicated the model through its WHRU design. By utilising the waste heat available in our WHRU, Clients are able to redistribute the heat and apply it through a heating medium for further use in a process or utility capacity. BIH has utilised many decades of knowledge in heat transfer technology to create efficient units which are both environmentally friendly and an economic necessity in modern refining.

BIH is able to offer solutions around the globe for onshore terminals and gas plants, FPSO's, ORC (Organic Rankine Cycle) systems and Offshore Platforms. All BIH designs are bespoke and vary in size and shape depending on the individual needs of the client.



AFTERMARKET SOLUTIONS

BIH understands that the delivery of our equipment is not the end of the project/process and can continue to provide support for many years after delivery of equipment. **BIH provides complete life cycle support to customers and offers a range of solutions that are perfectly suited to Fired Heaters and Waste Heat Recovery Units, ensuring their continued high performance.**

BIH global service is geared towards supervising installation, commissioning, start-up and maintenance of the equipment that we supply, giving the complete all-round service to our customers. The BIH Aftermarket packages can include:

- Provision of supervision services for unit installation, start-up and commissioning.
- Process design simulations to look at optimisation models for your installed equipment.

- Engineering studies to assess, understand and develop optimisation models through a combination of site work and in-house interpretation and modelling.
- Providing recommendations for replacements parts, upgrades and retrofits. BIH can offer cost effective innovative solutions to increase the capacity and/or efficiency of an existing unit.
- Budget pricing to establish the viability of solutions being offered and provide the basis for a cost benefit analysis. Such as; considering the addition of a preheat system, installation of low NOx burners or a new convection section or SCR system.
- BIH provides spare parts globally be they for equipment originally supplied by BIH or of non-BIH supply.
- Client Unit - specific training can be provided for operators and site personnel involved in the daily operation and maintenance of the equipment supplied. The training is structured to accommodate all expertise and skill level.



For additional information
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