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Company Overview to accompany letter to editors
APPROVED

Heat Trace:

The authority in heat tracing for over 34 years

Established in 1974, Cheshire-based Heat Trace Ltd. has grown to become the global technological leader and supplier of electric heat tracing equipment for both process temperature maintenance and freeze protection applications.

Widely regarded as *The Heat Tracing Authority™* in systems design and product range, Heat Trace Ltd. can also provide a variety of products and services for all types of heat tracing projects. From product only sales to full turnkey projects, including design, manufacture, supply, installation and commissioning, Heat Trace can provide cost effective and innovative solutions.

Taking a prominent role in the development of pioneering heat tracing technologies designed to maintain products, pipework, vessels or pieces of equipment at temperatures that will prevent processing problems, Heat Trace Ltd. remains at the forefront of heat tracing innovation. Heat Trace have already patented ten unique heat tracing products or processes, with a further eleven currently going through the patent application process.

Renowned across numerous industrial sectors for providing the technologies that avoid problems such as product freezing, congealing and clogging, as well as the pressure-drop of gases, Heat Trace Ltd. develops all systems with the corporate objective of: *improving safety, efficiency, reliability and performance.*

Manufacturers of the most technically advanced range of electric heat tracing equipment in the world, Heat Trace Ltd. can provide full heat tracing systems for:

- Short or long pipelines
- Above ground, buried, or sub-sea pipelines
- Complex in-plant piping systems
- Safe, or hazardous area installations
- Tanks and vessels
- Hopper heating systems
- Temperature maintenance, or heat raising to temperatures up to 600°C.

Lines may be externally or internally traced using series, parallel constant wattage, self-regulating or skin trace generic heating cables.

World's first cut-to-length heat tracer cable

Patented, developed and launched by Heat Trace Ltd. in 1975, the world's first parallel resistance, cut-to-length heat tracer heating cable remains a leading surface heating choice for its versatility, flexibility, efficiency and considerable ease of use. Now Heat Trace have launched and patented a unique heater of this style of cable capable of withstanding temperatures of up to 425°C.

Patented self-regulating controller

As probably the first surface heating company to recognise the important link between control technology and safety, efficiency, reliability and performance, Heat Trace Ltd. also pioneered the development of PowerMatch. This is a patented, proportional self-regulating system controller, that automatically adjusts the heater power output in direct response to changes in ambient temperature – precisely matching the heat losses from the pipe or vessel being heated, resulting in significant increases in system safety and energy efficiency.

Largest range of self-regulating cables

With almost thirty-five years' expertise in the development of industry-leading heat tracing systems, Heat Trace Ltd. is the only manufacturer in the UK producing self-regulating heating cables and one of only a few manufacturers worldwide. Today, it proudly offers the largest, highest quality range of self-regulating heating cables, designed to cater for most heat tracing applications. This range of heating cables offers the highest available power outputs and temperature withstand capabilities.

These products include: the highest 'continuous' maintain temperature (up to 200°C); the highest continuous 'withstand' temperature (up to 250°C) and the widest voltage range (12 – 1,000V).

Heat Trace Ltd. also produces the highest temperature cut-to-length heat tracer in the world - a patented, mineral insulated and metal-sheathed, type AHT heating cable, able to withstand 425°C continuously and deliver up to 200W/m.

The most advanced heat tracing system design software suite

In addition to the above product innovations, Heat Trace Ltd. has also pioneered 'EVOLUTION' – the world's most advanced and comprehensive heat tracing system design software suite.

A program written by Heat Trace specialists, with an in-depth understanding of the heat tracing requirements of numerous users, this intuitive solution simplifies the entire process of compiling accurate heat tracing quotations, system specifications and requirements, as well as giving clients the ability to carry out validation of supplier bids.

Global installation and commissioning

In addition to providing heating and ancillary products, a high quality Design and Engineering facility is available from a number of globally-located design centres.

Together with the manufacture of a complete and comprehensive product range, this worldwide installation and commissioning service enables Heat Trace Ltd. to offer complete, or partial, turnkey projects.

Innovative approach

Each Heat Trace product is the result of an innovative concept, idea, or construction, aimed at increasing Safety, Efficiency, Reliability, Performance and System Life. Each product possesses unique features and benefits. Many of the products developed and manufactured by Heat Trace Ltd. carry world patents.

Research and Development

Investing a significant percentage of turnover into R & D, Heat Trace Ltd. has become a world pioneer in several key areas. Work is currently being conducted in such fields as: electronics, computer sciences, polymer technology, metallurgy, composites and programmable power control. This work is carried out within the group's own R & D laboratories, often in conjunction with major research and educational establishments. Product proving is often carried out in association with Government departments, such as the Department of Energy.

Full International Approvals

Systems design and manufacture is carried out in accordance with the latest International Standards for electric heat tracing systems. All products are supplied in accordance with BS EN ISO 9001: 2000 Quality Management System. Products carry full International Approvals, such as ATEX; IEC; VDE; CSA; FM; Lloyds; DNV; GOST and other accredited International Test Houses.

Significant contributions towards energy saving

Heat Trace's patented products have been recognised as providing "significant contributions towards energy saving" and have been recommended as "Best Practice" solutions by the UK's Department of Energy. Typically, savings in excess of 70% are possible when compared with conventional control systems.

Many awards for technical innovation and energy savings have been received by Heat Trace Ltd. They include: Lloyds Award for Achievement in Technical Development; Certificate of Merit for Export Achievement and the prestigious Queen's Award - British Industry's highest form of recognition.

Heat Trace: The authority in heat tracing for over 34 years

Heat Trace Ltd. is a privately owned British company operating globally in the design, manufacture and supply of electric heat tracing cables and associated equipment.

The company is recognised as being the technological leader in the field of heat tracing and surface heating systems. Its range of heating cables is perhaps the most comprehensive available worldwide, with parallel resistance, cut-to-length heaters offering the highest temperature withstands and highest powers available.

Established over 34 years ago, Heat Trace's Corporate HQ and main manufacturing plant is based close to Chester, UK. The business is active in over 40 countries around the world, offering the most up-to-date and technically advanced electric trace heating systems.

Widely regarded as *The Heat Tracing Authority*[™] in systems design and product range, Heat Trace Ltd. can provide a variety of products and services for all types of heat tracing projects.

From equipment-only sales, to full turnkey projects, including design, manufacture, supply, installation and commissioning, Heat Trace Ltd. can deliver cost effective and innovative solutions.

Investing around 15% of turnover into Research and Development, since inception, the company has been granted 10 patents for unique and innovative products or processes. Currently they have a further 11 patent applications pending – ensuring that Heat Trace continue to remain at the forefront of design and development in the field of electric heat tracing systems.

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Premises photos to accompany this release are available on request

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