

Industry-Leading Equipment & Expert Manpower.

A Perfect Partnership for
Superior Heat Treatment Solutions



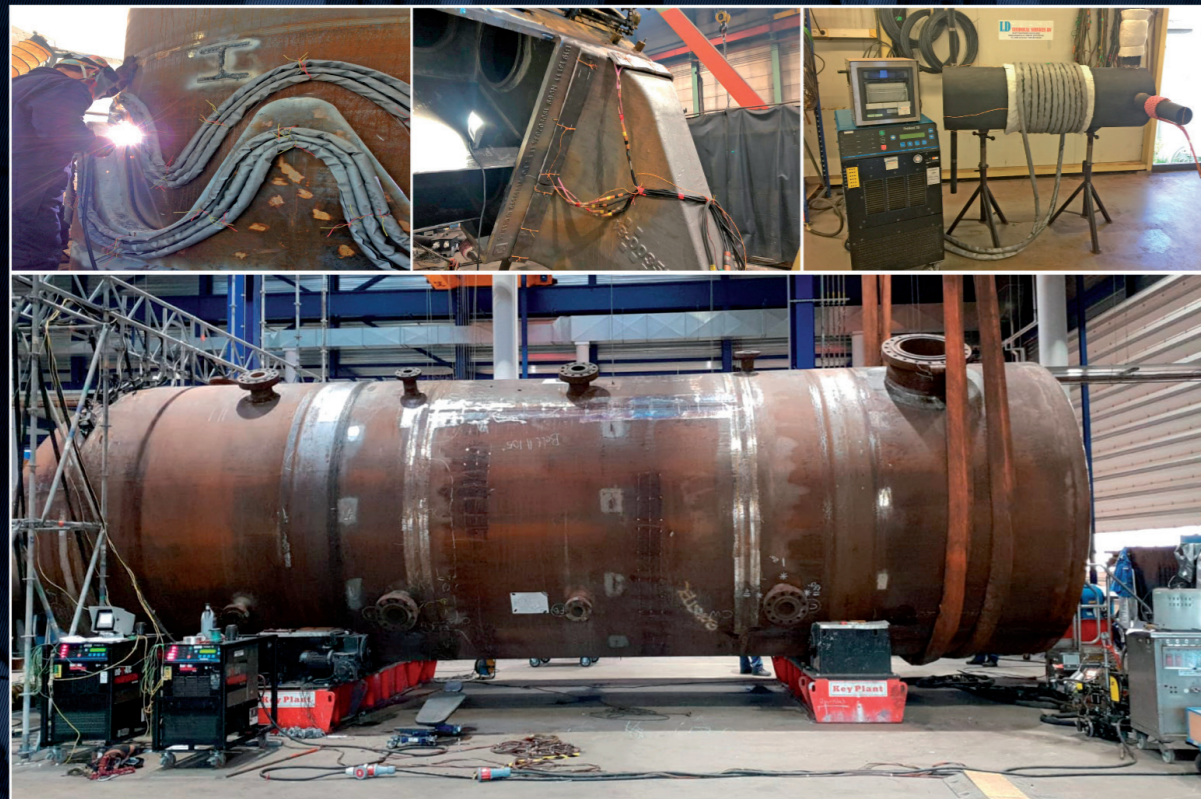
RESISTANCE
HEAT TREATMENT



INDUCTION
HEAT TREATMENT



PRE-HEAT & POST-WELD
HEAT TREATMENT

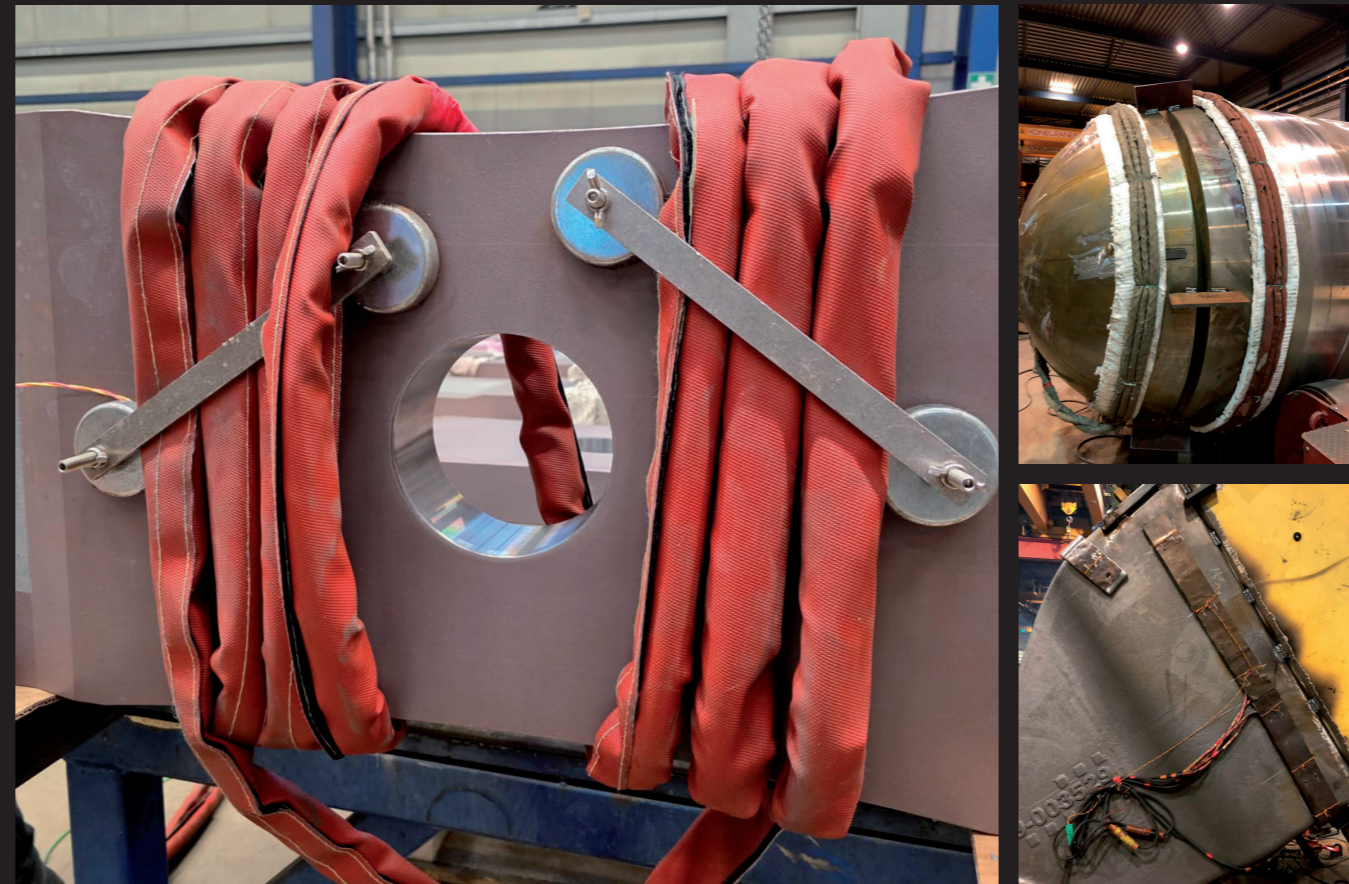


Quality, Reliability, and Efficiency

Delivering consistent, precise, and expert heat treatment solutions
to meet your industry demands.



IF YOU HAVE INTEREST IN ANY OF THESE SERVICES,
PLEASE DO NOT HESITATE TO CONTACT US



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LD TECHNICAL SERVICES B.V.
Heat Treatment Specialists
www.ldtechnicalservices.nl



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INTRODUCTION

Please allow an introduction to our company and its services; we are amongst other disciplines a Heat Treatment Company specializing in Pre Heat and Post Weld Heat Treatment of steel structures and pipework, using state of the art Resistance and Induction equipment. Along with highly skilled technicians experienced in all aspects of Heat Treatment we have extensive experience to execute all your heat treatment requirements.

- Please see below some of the applications we can supply.
- Resistance Heat Treatment Pre-Heat/P.W.H.T
- Induction Heat Treatment Pre-Heat/P.W.H.T
- Gas fired Heat Treatment
- Furnace applications
- Refractory dry outs
- Equipment sales and rental
- Calibration services
- Technical support and manpower

If you have interest in any of these services, please do not hesitate to contact us.

With Kind Regards

LD Technical Services bv



ONSHORE/OFFSHORE

Considerable experience and high expertise has been gained in the onshore/offshore industry enabling us to attain the highest level of competency in services, covering safety, technical ability, trained personnel and management support.

RESISTANCE HEATING

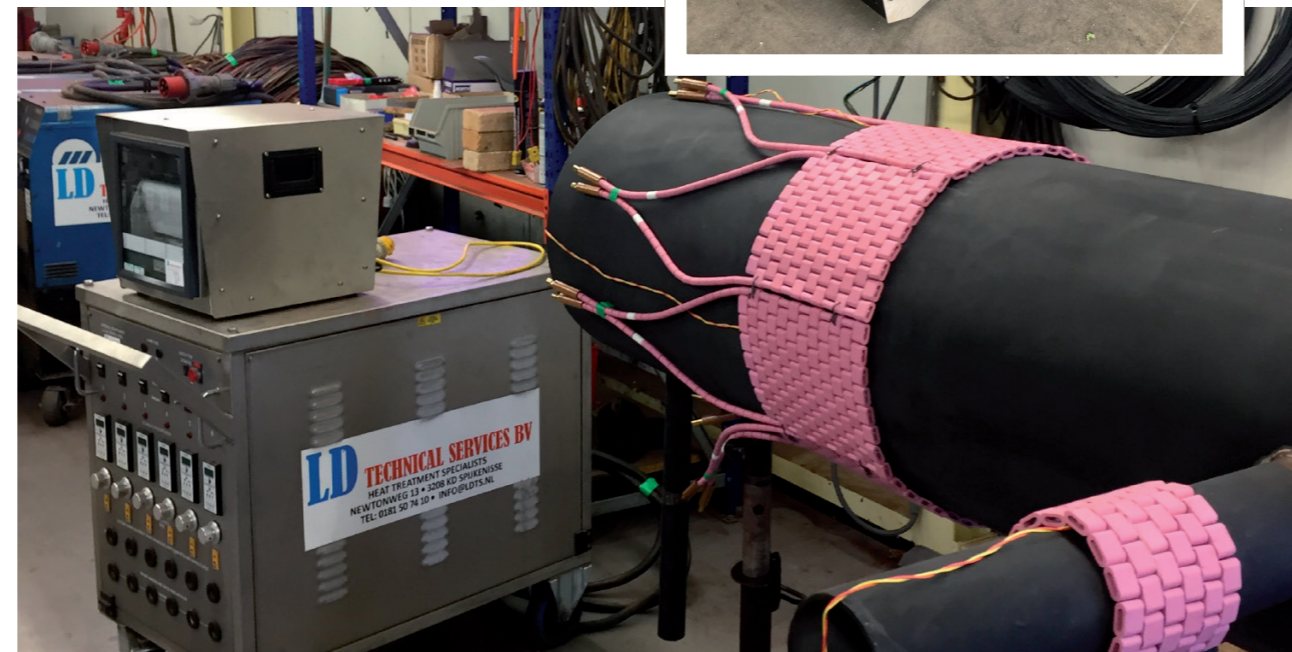
What is Resistance Heating?

Resistance heating uses direct contact and heat radiation to heat up the metal to any temperature up to 1200°C. Our flexible ceramic elements can be used on all types of metal. All of our machines are easy to be moved across site, Mainly our machines are 50kVa but we also do provide 70 kVa units for the larger jobs. With one machine we can control 6 thermocouples for preheat and post weld heat treatment.

Equipment

LD Technical Services supply a wide range of consumables, equipment and stock for the heat treatment industry, Which is all available for rental or to buy.

- Resistance units
- Thermocouple Wire
- Heating Elements
- Thermocouple Attachment Units
- Compensating Cable
- Secondary Cables
- Recorders
- And other consumables



All of the standard stock and equipment is available for a speedy delivery to the industry.

Inverters

This practical hand held machine is extremely useful for fast service applications or in places with difficult access. With this machine you can perform Pre-heat and PWHT. The inverter weighs 17kg. Which makes it a fantastic little device for the smaller low costing jobs.



INDUCTION HEATING

What is Induction Heating?

Induction heating is the process of heating a metal workpiece by electromagnetic induction. An important feature of the induction heating process is unlike resistance heating that the heat is generated inside the object itself, meaning that the object will heat up a lot quicker.

Pre - Heating / Post Weld heat treatment

Induction heating is great for Pre heat weld and Post weld heat treatment. The heating cables stay cool because they are liquid cooled. This creates a great working environment for the welder. Induction heating has a quick set up time and heats up quickly. It is very efficient for heating up larger workpieces. The heating cables can be placed in diverse shapes for all different types of set ups and can be placed in neat coils for pipes.

Rolling Induction

Here at LD Technical Services we provide rolling induction. This is a way of providing fast and consistent heating on rotating objects. Using rolling induction is cost - effective and simple. Rolling induction can be the perfect choice for machine welding on bigger pipes and vessels. We use a special type of thermocouple which has been designed to control the temperature while the metal is rotating.



LD Technical Services supply a wide range of consumables & equipment for the heat treatment industry which is all available for rental or to buy.

- Induction Unit
- Output Hoses
- Heating Hoses
- Digital Recorders
- Thermocouple Attachment Units
- Thermocouple Wire
- Compensating Cables
- Earthing Magnets
- Magnets
- And other consumables

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