

INDUSTRIAL INSPECTION SERVICES PVT. LTD.

TWO DECADES OF EXCELLENCE IN HEAT
TREATMENT AND INSPECTION SERVICES

Treatment and Inspection Services

Established on the 1st of January 1991, Industrial Inspection Services has embarked on an enduring journey as a leading service provider in the field of heat treatment, NDT and industrial inspection. Since its inception, this company's story has been marked by significant milestones and an unwavering commitment to quality and excellence.

The journey began with a pivotal moment when Industrial Inspection Services Pvt. Ltd. undertook its first assignment, providing heat treatment services for pipe joints, including NACE and other critical low alloy materials, to esteemed clients such as Dodsai Enterprise, Larsen & Toubro Construction Group, and SPIC at ONGC Hazira, a vital provider of gas to the northern part of India. This initial success set the stage for the company's future growth and expansion.

In 1992, Industrial Inspection Services expanded

its portfolio to include NDE L-II services, specifically ultrasonic testing. Over the years, the company continued to diversify its offerings, including heat treatment for pressure vessels, designed, construction & operation of gas fire/oil fire/electrical furnace and gradually added services such as PT (Penetrant Testing), MT (Magnetic Particle Testing), NDE L-II services, RTFI (Radiographic Testing Film Interpretation), QC (Quality Control), and more.

Today, the company boasts a dedicated team of 200 experienced professionals, all of whom are qualified in NDT Level I, II, and III, under the leadership of the seasoned expert, Rajesh Gandhi. Their clientele reads like a who's who of the industry, featuring major names like L&T Ltd, Hazira (with a partnership spanning over 25 years), L&T MHPS Boiler Ltd., L&T Hydrocarbon Ltd. (over two decades), L&T Special Steel Casting, ACC, Ambuja Cement (for over two decades), GNFC (17 years), Isgec Ltd., BHEL, and others.



Industrial Inspection Services caters to various industries, including fabrication, heavy engineering, refinery, petrochemical, defense, nuclear, and more.

A distinguishing aspect of Industrial Inspection Services Pvt. Ltd. is its consultancy services, providing NDE L-III services for American Society of Mechanical Engineers (ASME) approval. This service is primarily sought after by pressure vessel manufacturers involved in exports, and the company's impeccable track record includes nearly 60 ASME audits, showcasing their leadership in this domain. The company's excellence extends to its heat treatment services, which encompass local stress relieving of weld joints for pipes, pressure vessels, tanks, site joints, and other components at fabrication shops and various sites. Moreover, Industrial Inspection Services Pvt. Ltd. has a team dedicated to in situ heat treatment for stress relieving, with a remarkable achievement of conducting the largest in situ job in the country for RIL Jamnagar (16.3mm diameter). They have also developed innovative techniques to handle heat treatment for critical equipment in refineries, such as reactors made from alloy steel with CrMoV elements and thicknesses of up to 330mm.

Industrial Inspection Services Pvt. Ltd. plays a pivotal role in quality assurance and quality control programs, offering their expertise in two distinct ways. They either provide teams of QA/QC engineers to work in accordance with organizational requirements, as exemplified by their partnership with companies like L&T Hazira Works, L&T MHI Power Boilers Pvt. Ltd., L&T MHPS Turbine Pvt. Ltd., and L&T Ltd. Ranoli Works, or they offer comprehensive solutions to companies like Arrowhead Separation Pvt. Ltd.

Differentiation through Dedication

Industrial Inspection Services Pvt. Ltd. boasts a triumvirate of experienced promoters deeply dedicated to achieving their goals. What sets this company apart is its highly skilled workforce, committed to a continuous journey of training, learning, and innovation. This commitment is the linchpin of their success, distinguishing them from other players in the industry.

Remarkably, Industrial Inspection Services Pvt. Ltd. is one of the few NDT (Non-Destructive Testing) service providers with a presence in various critical stages of inspection, including raw material inspection, during fabrication, and in-service inspection. They cover a wide array of product

forms, such as plates, castings, forgings, welding, and provide in-service inspection to diverse sectors, including petroleum, petrochemicals, cement, fertilizers, shipping, nuclear industry, hydrocarbons, defense, steel etc. This extends to a broad spectrum of socio-economic and climatic conditions, both in India and internationally.

The company's team is rich in experience and knowledge, gained through exposure to various industries. The combined knowledge and expertise of the promoters and the team make them a truly unique organization, setting them apart as a leader in their industry.

The Visionary

Rajesh Gandhi, the founder of Industrial Inspection Services Pvt. Ltd., boasts an impressive 40-year track record in the field of Non-Destructive Evaluation (NDE).

His journey began with a postgraduate diploma in Radiological Physics from the renowned BARC (Bhabha Atomic Research Centre) in 1982. Starting in 1983 with radiography inspection, he has amassed qualifications in various NDT techniques, including Ultrasonic Testing, Magnetic Particle Testing, Penetrant Testing, Radiography Testing, Visual Testing, and Eddy Current Testing.

Mr. Gandhi has reached the highest level of qualification available in the NDT field, earning ASNT Level III certification (in Ultrasonic Testing, Magnetic Particle Testing, Penetrant Testing, Radiography Testing, Visual Testing, Eddy Current Testing, and more) from the American Society for Non-Destructive Testing. Additionally, he holds Level 3 certification as per ISO 9712 in Ultrasonic Testing, Magnetic Particle Testing, Penetrant Testing, and Radiography Testing from the European community.

His hands-on experience working in diverse socio-economic and climatic conditions is invaluable. His active guidance has been a driving force behind the continuous growth of the organization over the last three decades.

Journey in the NDT and Fabrication Industry

Industrial Inspection Services Pvt. Ltd. has recognized the transformative impact of automation on the fabrication industry, a change that extends to the way NDT service providers operate. To meet the demands of today's complex materials, geometries, and safety standards, the company





consistently invests in upgrading its hardware (equipment) and software (the skill development of its team through internal and external training). This commitment is pivotal in ensuring the quality and reliability of the company's NDT services, which remain paramount for both the company and its valued customers.

In the digital age, clients expect the company to excel in two critical areas: Reliability and assured Delivery. This holds true even in fields like Heat Treatment, NDT, and Inspection. In the face of the challenges posed by the ongoing pandemic, where the continuity of work is often disrupted, the company has made it a priority to embrace automation wherever feasible. This strategic move has significantly reduced errors over time.

In the realm of heat treatment, the company has fully transitioned to 100% programmable controllers, minimizing the need for direct human intervention. In various NDT sectors, the company is actively working on introducing automation, except in the case of ultrasonic testing, where some limitations have been faced. In the era of remote inspection, the company has already successfully conducted several online ASME audits in the past year, adapting to the evolving demands of the industry.

Innovation, Automation, and Adaptation

According to Mr. Gandhi, in the pursuit of business success, it's imperative to anticipate customers' future needs and proactively prepare the organization to meet those needs, gaining a competitive edge while others catch up. Automation is driving significant change in the fabrication industry and is also transforming the way NDT service providers operate. These providers continuously update their hardware (equipment) and software (providing internal and external training to their team) to address the complex material, geometric, and safety requirements of today's projects, ensuring the quality and reliability of their NDT services, which are of paramount importance.

Fortunately, the company benefits from the leadership of an extremely experienced and highly qualified leader (with over 40 years of general NDT experience and almost 26 years as an ASNT Level III in six methods), positioning them a step ahead of their competition. With

time-bound project completion as the standard, clients expect the company to prioritize two key aspects: the quality of service and quick delivery. This applies across the board, including in the domains of heat treatment, NDT, and inspection.

In response to the challenges posed by the ongoing pandemic, which disrupted work continuity for various reasons, the company has made a concerted effort to embrace automation wherever feasible. This strategic shift has yielded significant reductions in errors over time. Notably, the heat treatment process has been upgraded to rely on 100% programmable controllers, reducing the need for extensive human intervention. In other NDT sectors, the company is actively working on the introduction of automation, with the exception being ultrasonic testing, where progress has been somewhat limited.

With the advent of remote inspection, the company has successfully conducted numerous online ASME audits over the past year, adapting to the evolving demands of their industry.

Assuring Excellence in Quality

Industrial Inspection Services Pvt. Ltd. is poised for further growth, actively following their well-defined roadmap. Its ongoing investments in new equipment and expanding the company's skilled workforce will undoubtedly fortify its position as a market leader. Notably, Industrial Inspection Services Pvt. Ltd. proudly holds ISO 9001:2015 certification, affirming their commitment to quality standards.

The company has garnered significant recognition in terms of financial strength and operating performance. CRISIL, a renowned and trusted rating agency in the country, has consistently rated them MSE2 for the last six years, signifying exceptional financial robustness and operational excellence.

In today's rapidly evolving technological landscape, where digitization and automation are at the forefront, it's not just essential to stay updated, but also to ensure that both the software (team's skill) and hardware (equipment) remain cutting-edge. Looking forward, over the next five years, Industrial Inspection aspires to not only maintain its leadership position but also expand

its reach beyond India, further solidifying its presence on the global stage.

Milestones and Global Expansion

The journey of Industrial Inspection Services Pvt. Ltd., which commenced in 1991, has seen several pivotal moments that have shaped its trajectory. One such significant turning point occurred in 1992 when the company embarked on providing Ultrasonic testing services, introducing this relatively new technique to the Indian market at the time.

Since 1993, the company has forged key associations with prominent entities like L&T Ltd., Hazira works, renowned for manufacturing equipment for leading Indian and international clients. This collaboration has played a pivotal role in continually enhancing their skills and technical knowledge, serving as a fundamental ingredient in their remarkable growth.

In 2004, Industrial Inspection Services Pvt. Ltd. achieved another milestone by securing their first international contract. This experience not only expanded their global footprint but also enriched their knowledge and expertise, instilling the confidence to undertake projects beyond the borders of India.

The Pillars of Success

Industrial Inspection Services Pvt. Ltd. is driven by a triumvirate of experienced promoters who exhibit unwavering commitment to their goals. Their team of skilled professionals undergoes continuous training, engaging in a perpetual cycle of learning and innovation. This commitment to growth and development stands as the linchpin of their success, setting them apart from others in their field.

The team's wealth of experience and knowledge is derived from exposure to various industries, spanning from the raw material stage to the fabrication industry and ultimately to end users. This extensive knowledge, coupled with the expertise of the promoters, establishes the company as a truly unique organization. It represents one of the most significant differentiating factors within their industry.

This commitment to excellence is further reflected in their CRISIL rating, as they have consistently earned a CRISIL SME 2 rating for the past six years. This rating corresponds to CRISIL MSE-2, signifying high levels of operational and financial performance.

Navigating the Entrepreneurial Landscape

Mr. Gandhi shares that India has established itself as a fertile ground for entrepreneurs, with over 40 start-ups achieving unicorn status in just the past year. Many more are poised to follow suit. The lesson learned from this dynamic environment is that to achieve continuous growth, entrepreneurs must remain attuned to the ever-evolving needs of their customers and proactively prepare for what lies ahead.

He further adds that innovation, unwavering hard work, and prudent financial management emerge as the essential keys, not only for surviving challenging times but also for sustaining a trajectory of perpetual growth.

Charting a Path to Prosperity

Industrial Inspection Services Pvt. Ltd. is poised to harness the promising landscape that lies ahead for India in the coming five years. Fueled by government policies and global shifts, the country is on the cusp of explosive growth. In anticipation of these opportunities, the company made a strategic move last year, transitioning from a proprietorship to a private limited company.

A commitment to continuous investment in new equipment and an expanding workforce is poised to further solidify the company's position as a market leader. Notably, Industrial Inspection Services Pvt. Ltd. proudly holds ISO 9001:2015 certification, underscoring its dedication to quality standards.

The company has earned the trust of CRISIL, one of the most reputable rating agencies in the country, with a consistent MSE2 rating over the last six years. This rating signifies high financial strength and exceptional operating performance. Over the next five years, the company's aspirations include not only cementing its leadership position but also expanding its horizons beyond the borders of India.

