



KISAAN
DieTech

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› Building Trust › Forging Solutions

With a reputation based on quality, precision and on-time delivery,
Kisaan Die Tech is here to deliver your next forging solution

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> Quality Control

Our regimen of chemical, mechanical and Non-Destructive testing ensures that every forging we produce meets our high quality standards. All our Quality Control Engineers are certified at Level II under ASNT's SNT-TC-1A guidelines. Kisaan Die Tech's Non Destruc-

tive Testing programme is overseen by a Level III ASNT metallurgist. In addition to in-house testing, Kisaan Die Tech is also able to provide third-party analysis by independent agencies, such as TUV, Det Norske Veritas, Lloyd's Register, through NABL (National Accreditation Board for Testing and Calibration Laboratories, India) approved laboratories and through certified laboratories in North America.



We have a distinguished reputation as a manufacturer of high quality, precise forgings from carbon, alloy and stainless steels to custom specifications and to a range of international standards.

At Kisaan Die Tech, quality is built into each process, from the raw material stage to finish machining. Our rigorous vendor qualification program ensures that only vendors who can meet our standards for quality, traceability and process conformance are selected. Suppliers are selected based on their ability to consistently deliver steel with low residual elements and inclusion content. At various points during the manufacturing process samples are taken and tested to ensure that quality standards are met. Each forging is marked and tracked as it moves through the production cycle.

> Heat Treatment

In addition to producing high quality forgings, our integrated facility can also provide heat treatment and precision machining services for any of our products. Our team of engineers and forging experts will work with you to develop the ideal forging cycle for your requirements. After forging, the mechanical properties of the forged components, including the microstructure, can be further enhanced by heat treatment.

Kisaan Die Tech's on-site Heat Treatment equipment comprises two purpose-specific furnaces and several high-capacity quenching tanks. Kisaan Die Tech's basic Heat Treatment processes include: Annealing, Normalizing, Quenching, Tempering, and Stress Relieving. Specialized Heat Treatment processes, such as Induction Hardening, Carburizing and Nitriding can be conducted at our partner facilities in India or North America. *Please contact us for more information.*

> Precision Machining

Kisaan Die Tech is equipped to supply precision-machined forging solutions. Our integrated facility in India and our North American partners both have a wide range of precision CNC lathes, multi-axis CNC milling machines and CMM measuring capabilities. This allows us to manufacture components with tight tolerances and complex surface finishes. Having machining partners in North America also enables us to shorten our lead times and satisfy requirements for domestic content.

Kisaan Die Tech also offers a range of corrosion-protective surface finishes for our precision-machined forgings. These include Phosphate and Black Oxide Coating, Galvanizing and a range of specialized coatings. *Please inquire for more information.*



> Materials

High quality forgings begin with high-quality materials. Kisaan Die Tech sources the highest quality Stainless, Carbon and Alloy steels from suppliers around the world. We will work with you to select the ideal material for your application. *For a complete list of our materials, please contact us.*

> Certifications

Our Quality Management programme is certified under ISO 9001:2008. Kisaan Die Tech is also a certified manufacturer of pressure equipment, in accordance with the European Union's Pressure Equipment Directive (PED 97/23/EC) and AD 2000-Merkblatt WO, and a registered manufacturer of pipe flanges for the Canadian market (CRN). Our commitments to the health and safety of our employees and to the environment are evidenced by our OHSAS 18001 and ISO 14001 certifications.