



Kailashpati Engineers

CASTING TRUST · SHAPING FUTURES

COMPANY PROFILE

Precision Investment Castings & Machined Components

ISO 9001:2015

Since 1994

Company Profile

Established in 1994 in Junagadh, Gujarat, **Kailashpati Engineers** is a trusted manufacturer of precision investment castings and machined components. With over three decades of manufacturing excellence, we serve leading OEMs across the valve, pump, oil & gas, chemical, power, marine, defense, aerospace, and general engineering industries. Our expertise covers components from 0.1 kg to 100 kg, delivering consistent quality, dimensional accuracy, and reliable performance.

We provide end-to-end manufacturing solutions under one roof, from wax pattern development, ceramic shell building, and investment casting to heat treatment, CNC machining, inspection, and final dispatch. Every component is produced under strict quality control with full material traceability to meet international quality standards. Backed by an experienced engineering team, Kailashpati Engineers is committed to delivering high-quality products, reliable service, on-time delivery, and long-term partnerships with customers worldwide.

1994

ESTABLISHED

33+

YEARS

0.1–100kg

WEIGHT RANGE

COMPANY AT A GLANCE

FOUNDED	1994 · Junagadh, Gujarat
CORE WORK	Investment Casting & Machining
DIRECTORS	Rushi Patel · Bhavik Patel
DIRECT LINES	+91 88669 99077 · +91 99257 81200
WORKS	Plot 24, Jay Estate, Dolatpara, Junagadh

WHAT WE DO

Manufacturing Capabilities

Kailashpati Engineers delivers precision-engineered components through advanced investment casting (lost wax casting) and CNC machining.

We supply complex components in Carbon Steel, Stainless Steel, Duplex, Super Duplex, and Nickel-Based Alloys, manufactured to customer drawings, specifications, and international quality requirements.

From complex castings to precision-machined components, we provide reliable manufacturing solutions for critical applications across the Valve, Pump, Oil & Gas, Chemical, Power, Marine, and General Engineering industries.

MATERIALS WE WORK WITH

● **Stainless Steel**

● **Carbon Steel**

● **Alloy Steel**

● **Duplex Stainless Steel**

● **Super Duplex Stainless Steel**

● **Super Alloys**

● **Nickel-Based Alloys**

● **As per customer specifications**

FINISHING

Heat Treatment & Blasting

Heat treatment to specification, shot blasting, grinding and surface cleaning.

INSPECTION

CMM & In-Process

Dimensional, visual and material verification at every stage, with CMM before dispatch.

TRACEABILITY

Full Documentation

Material certificates, spectrography reports and certificates of conformity.

0.1–100kg

CASTING WEIGHT

13

STEP PROCESS

ISO

9001:2015

Manufacturing Process

01

Customer Drawing Review

Drawings, specifications, material requirements and quality standards are reviewed.

03

Wax Injection

Molten wax is injected into precision dies to produce accurate wax patterns.

05

Ceramic Shell Building

The assembly is dipped in ceramic slurry and coated with refractory sand.

07

Shell Firing

The shell is fired at high temperature for strength and stability.

09

Knockout & Fettling

The shell is removed; runners and gates are separated from castings.

11

Shot Blasting & Cleaning

Castings are cleaned for finish and residual shell removal.

13

Inspection & Quality Control

Dimensional, visual and CMM inspection against customer specifications.

02

Pattern & Tooling Development

Wax patterns and tooling are prepared to the approved design.

04

Wax Pattern Assembly

Individual patterns are assembled onto a central runner to form a wax tree.

06

Dewaxing

The shell is heated to remove wax, creating a precise mould cavity.

08

Induction Melting & Pouring

Metal is melted in an induction furnace and poured into the preheated mould.

10

Heat Treatment(If Required)

Components are heat treated to customer specifications where required.

12

CNC / VMC Machining

Precision machining achieves the required dimensions and tolerances.

14

Packing & Dispatch

Components are crated to prevent transit damage and delivered on schedule.

OUR PRODUCTS

Product Range



Prototype development · small batches · high-volume production — all to your drawings and material grades.

Industries Served



Valve

Precision-machined components for reliable valve performance and durability.



Pump

High-quality machined parts engineered for efficient pump applications.



Oil & Gas

Robust precision components built for demanding oil & gas operations.



Chemical

Durable machining for corrosive and high-performance environments.



Power

Precision components supporting reliable power-generation systems.



Marine

Corrosion-resistant components for marine and offshore applications.



Defence & Aerospace

High-integrity precision components machined to the exacting tolerances and traceability defence and aerospace demand.



Automobile

Durable machined parts and castings engineered for reliable, high-volume automotive component manufacturing.



General Engineering

Custom machined parts and job work for industrial equipment.

Quality Policy



ISO 9001:2015 Certified Quality System

Every component is manufactured, inspected and documented under a certified, audited quality management system.

- ✓ Manufacturing products strictly as per customer drawings and specifications.
- ✓ Maintaining strict quality control throughout the manufacturing process.
- ✓ Delivering products on time with consistent, repeatable quality.
- ✓ Continuously improving our processes and operational efficiency.
- ✓ Developing the skills and knowledge of our employees.
- ✓ Building long-term relationships through reliability and trust.

Documentation with every shipment

- › Material chemical & physical test certificates
- › Spectrography reports for each heat / batch
- › CMM dimensional inspection logs
- › Certificates of conformity



Quality is verified, not assumed — every component is inspected and documented before it leaves our works.

Why Choose Us

01

33+ Years of Experience

Continuous shop-floor experience in the Junagadh–Rajkot engineering belt since 1994.

02

Casting & Machining In-House

End to end — from wax pattern to final inspection, under one roof.

03

Built to Your Drawings

Components made strictly to your drawings, specifications and material grades.

04

Strict Quality Control

Dimensional, visual and material verification at every stage of production.

05

Competitive Pricing

In-house capability and efficient processes keep landed component costs realistic.

06

Reliable On-Time Delivery

Planned schedules and secure crating so shipments land when promised.

07

Experienced Technical Team

Engineers and operators who read drawings and understand casting metallurgy.

08

Dedicated Customer Support

A single point of contact from first enquiry through dispatch and beyond.

GET IN TOUCH

Let's build your **components**

Send your drawing, 3D model, material specification and quantity — we respond with a quote within 24 business hours.

WORKS & OFFICE

**Plot No. 24, Jay Estate, Near Tata
Showroom, Rajkot Highway Road,
Dolatpara**

Junagadh – 362001, Gujarat, India

DIRECT LINES

+91 88669 99077 · Rushi Patel

+91 99257 81200 · Bhavik Patel

Mon – Sun, 8:00 AM – 8:00 PM

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WhatsApp your enquiry +91 88669 99077 — drawings, samples & specifications welcome



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SCAN FOR WEBSITE