

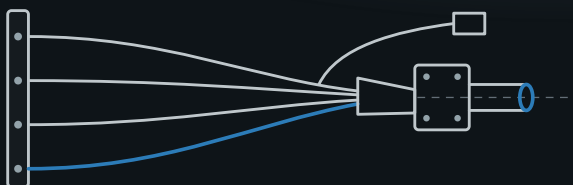
CTE ADVANCED TECHNOLOGIES

Fabricating

STAINLESS STEEL

304/304L · 316/316L · 321 · 310

Stainless, fabricated to your design — from exhausts to architectural detail.



WHAT WE FABRICATE

- ✓ Exhaust systems
- ✓ Architectural metalwork
- ✓ Hygienic tanks & pipework
- ✓ Frames & structures
- ✓ Fluid-transfer systems
- ✓ Finished & validated

HOW WE BUILD IT

Manufactured to your design

We build to your drawings and specification, with DFM input at the design stage — from prototype to series production.

Motorsport timelines & quality

Delivered to the schedules and tolerances demanded at the pinnacle of motorsport: Right First Time, On-Time.

APQP & PPAP production control

Governed by APQP planning and PPAP approval — control plans, inspection and full material traceability (MTR).

Two disciplines, one fabricator

Stainless rewards craft at both extremes — the pressure-cycling integrity of an exhaust and the crevice-free, mirror-polished surface architecture and hygienic process demand. CTE manufactures both to your design, to motorsport timelines and quality, under APQP & PPAP production control.

SECTORS WE NOW SERVE

01 Architecture & public realm

Handrails, balustrades, cladding and feature work. CTE: hand-finishing to satin or mirror, fabrication to EN 1090 principles.

02 Tanks, bends & complex geometry

CTE have the competency and capacity to provide short-run / prototype assemblies and parts in record time.

03 Water & environment

Treatment, marine and coastal hardware in 316. CTE: corrosion-grade fabrication, pressure-tested and finished.

04 Rail & transport

Structural frames, exhaust and fluid systems. CTE: fatigue-resistant welds, series-capable with first-off validation.

05 Energy, hydrogen & process

High-temperature grades (321/310) and chemical-resistant work. CTE: welded process and high-temperature assemblies, certified.

BUILT TO YOUR DESIGN, UNDER APQP & PPAP – EVERY PART CARRIES THE EVIDENCE

Coded TIG welding F1 & WRC audited, coded to your specification	Pressure testing Air underwater & decay transducer, up to 7 bar	X-ray / RT & dye-pen Volumetric & surface NDT	CMM & 3D scanning Dimensional validation
CNC bend & hydroform Complex, repeatable geometry	Integrated machining Finished assemblies, not just parts	APQP / PPAP Control plans & MTR traceability	ISO 9001 & King's Award International Trade 2026

Integrity and finish, from one supplier

Whether the priority is a sound, fatigue-resistant weld or a perfect visible surface, CTE delivers both in-house. Engage us early on grade selection, weld access, finishing and inspection.

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Talk to our commercial team →

MATERIAL READOUT – STAINLESS STEEL			
GRADES	FINISHES	WELDING	STANDARDS
304/304L · 316/316L · 321 · 310	Satin to mirror · specified Ra	TIG · crevice-free	ASME BPE · 3-A · EN 1090