

MG COMPOSITES AND CONSULTANCY LTD

Technical Implementation Lead & Precision Manufacturing Strategy

Company Number: 14727179 | Based in Motorsport Valley, UK

EXECUTIVE SUMMARY:

A high-performance technical consultancy providing Tier 1 manufacturers and elite racing teams with "First-Time-Right" manufacturing strategies. Led by a specialist with 28 years of experience at the absolute pinnacle of **Formula 1 and Le Mans endurance racing**, we bridge the gap between complex engineering designs and the flawless physical execution of safety-critical assemblies.

CORE COMPETENCIES

- **Technical Implementation:** Expert oversight of complex pre-preg lamination and structural bonding.
- **Championship Endurance:** Key build-team member for the **Overall Le Mans Winning Bentley Speed 8**.
- **Safety-Critical Systems:** Specialist in F1/Motorsport Halo, Headrest, and Chassis survival cell construction.
- **Aero-Sensitive Assemblies:** Delivering sub-millimeter tolerances for complex wing and floor packages.
- **Digital Traceability:** Leveraging an HND Distinction in Computing to implement digital SOPs and build logs.

THE MG ADVANTAGE

- **28-Year Elite Pedigree:** Proven track record with **Red Bull Racing, Mercedes-AMG, and McLaren Racing**.
- **Hands-On Mentorship:** Experience in upskilling and managing workforces of up to 18+ technicians.
- **Technical Recovery:** Proven ability to audit, identify, and resolve chronic build hurdles in complex manufacturing environments.
- **Zero Defect Culture:** A career built on the most aggressive tolerances in global engineering.

CONSULTANCY SERVICES

- » **Technical Lead Contracting:** High-level shop-floor supervision for critical build cycles or NPI phases.
- » **Method of Manufacture Advisory:** Defining the lowest-risk build sequence for new structural designs.
- » **In-Process Technical Auditing:** Real-time ply verification and vacuum integrity monitoring to eliminate scrap rates.
- » **Workforce Mentorship:** Hands-on coaching to translate elite F1 standards into shop-floor mastery.

2026 STRATEGIC PROJECT INTAKE

Intake Window: Now open for the 2026 Formula 1 development cycle, **Global Motorsport programmes**, and Aerospace NPI.

Focus: Prioritizing high-consequence structural projects and technical recovery audits for manufacturers aiming to establish a "First-Time-Right" foundation across the **full spectrum of performance engineering**.

CASE STUDY: PROCESS RECOVERY

Project: Technical Audit & Workflow Overhaul (India).

Outcome: Successfully resolved chronic bottlenecks in a Tier 1 Build-to-Cure lifecycle. Implemented "Gold Standard" SOPs to meet global aerospace and motorsport compliance requirements.

TECHNICAL GOVERNANCE

All consultancy engagements are conducted under strict NDAs to ensure 100% IP security.

Formula 1 • Elite Motorsport (GT/WEC/BTCC) • Aerospace • Defence

CONTACT MG COMPOSITES AND CONSULTANCY LTD

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