



About APEX ETG

APEX Engineering Technology Group (ETG), founded in 2021, is a **Surface Engineering Solutions Company** specialising in industrial repairs, leveraging modern laser technology and developing specialty applications in the laser cladding and hardfacing fields.

At the core, our offer consists of delivering sustainable, **optimised mechanical component performance**.

Functional issues we commonly design solutions for include corrosion, erosion, abrasion, friction, delamination, impact, and chemical and temperature-related failures.

Benefits of Laser Cladding

- Enhanced Component Durability
- Improved Wear Resistance
- Reduced Downtime
- Precise Customisation of Coatings
- Increased Lifespan of Components
- Corrosion Resistance
- Superior Surface Quality
- Reduced Total Cost Of Ownership
- Versatility in Coating Materials
- Non-Intrusive Coating Application Process
- Low Heat Affected Zone
- Part Protection

Contact

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Discriminators

- 3x Laser Cladding Cells
- 10kW Direct Diode Laser
 - Large Area Laser Cladding
 - Up to 30mm deposit width
 - 15kg/hr material deposition
 - 95% deposition efficiency
- 8kW Fiber Coupled Laser Cladding
- Internal Diameter Cladding
 - 75mm in diameter or greater
 - Reach up to 2.5m in length
- In-house Metallurgical Laboratory
- Pre & post machining
- Handling capabilities 20MT

Approvals

ISO 9001:2018 Stage 1 Completed. Accreditation ETA early 2024

Other ISO audits to follow.

Customer Partnerships



Markets

