

Capabilities - Hemel Hempstead Facility

TURNING

CNC Turning - most machines have twin chucking and live tooling

CNC Sliding head Turning - 30mm bar feed with live tooling

Manual Turning

MILLING

CNC Milling - 4 & 5 axis & multi pallet

3D CAD/CAM system - supporting all major drawing and wireframe / solid model formats

Manual Milling - 4 axis

EDM MACHINING

CNC Wire Erosion

CNC Spark Erosion

GEAR & SPLINE CUTTING

CNC Gear / Spline Cutting: internal / external - Helical, Spur & Worm Gears

Hobbing

Broaching - Horizontal & Vertical

GRINDING & GEAR GRINDING

CNC Grinding: Internal & External, Special form grinding - polygon, offset diameter, worms etc

Manual Grinding: Surface, Centreless, Cylindrical, Jig grinding, superfinishing

CNC Gear and Spline Grinding: Internal & External

CNC Thread Grinding

QUALITY

Temperature controlled Inspection Department with Co-ordinate Measuring Machines,

CNC Gear Checking Machine, Rolling gear tester and various other equipment

Calibration traceable to national standards

MISCELLANEOUS

Deep Hole Drilling and Honing

Straightening

Stress relieve

Heat & Freeze assembly and sub-assembly

Non-Destructive Testing including:

Dye Penetrant Inspection

Magnetic Particle Inspection

Nital Etch