

Capability Matrix

Machining

	In House	Sub Contract
Boring	X	
Broaching - External		X
Broaching - Internal		X
Broaching - Horizontal		X
Broaching - Vertical	X	
Broaching - Horizontal (up to 1 meter dia.)	X	
Deep Hole Bore		X
Drill	X	
Electro Chemical Milling		X
EDM (Erode)	X	
EDM (Wire Cut)	X	
Flow-turning	X	
Gear Cutting		X
Gear hobbing		X
Gear Grinding		X
Curvic Grinding		X
Spline Grinding		X
External CNC Grinding	X	
Grind - Surface	X	
Grind - Internal/External	X	
Grind - Thread		X
Helical Spline		X
Straight Spline		X
Internal Splining / Hobbing		X
Laser - Cut		X
Laser - Drill		X
Mill - CNC 3 Axis	X	
Mill - CNC 4 Axis	X	
Mill - CNC 5 Axis +	X	
Mill - Manual	X	
Polish	X	
Linishing	X	
Tapping	X	
Thread Rolling		X
Turn - Horizontal CNC	X	
Turn - Horizontal CNC (up to 1 meter dia.)	X	
Turn - Horizontal CNC (up to 1 meter dia.)	X	
Turn - Hor'z Manual	X	
Turn - Vert Bore CNC	X	
Turn - Vert Bore Manual		X
Water Jet	X	

Fabrication

	In House	Sub Contract
Band Saw	X	
Blanking/Pressing		X
Debur	X	
Fit	X	
Nibble	X	
Press	X	
Rivet	X	
Shear/Crop/Nibble	X	
Sheet Metal Working	X	
Solder	X	
Spinning - Manual		X
Spinning - CNC		X
Swage		X
Torch braze		X
Weld - Electron Beam		X
Weld - Electron Beam High Voltage		X
Weld - Hand		X
Weld - Plasma		X
Weld - Laser		X
Weld - Linear		X
Weld - Orbital		X
Weld - Rotary		X
Weld - MIG & TIG		X

Inspection

	In House	Sub Contract
Dimensional - CMM	X	
Dimensional - Table	X	
Profiling - CMM	X	
Flor Penetrant Inspect		X
Flow Test - Air		X
Flow Test - Water		X
Mag Penetrant Inspect		X
Pressure Test - Air		X
Pressure Test - Water		X
Ultrasonic Inspect		X
Visual Inspect	X	
Weld Inspect		X
Broached Slot Inspect	X	

Accreditations
AS9100 Rev C, BS EN ISO 9001:2008, BS EN 9100:2009

Capability Matrix

Process

	In House	Sub Contract
Alocrome	X	
Braze - Vacuum		X
Chemical Machining		X
Degrease		X
Diffusion Bonding		X
Turco Coating		X
Wash	X	

Process Capability

	In House	Sub Contract
Adhesive Bond	X	
Chemical Clean	X	
De-scale		X
Paint/ Varnish	X	
Sealing	X	
Coating	X	

Forging

	In House	Sub Contract
Rings		X
Light Alloy		X
High Temp Steels		X
Other		X

Heat Treatment

	In House	Sub Contract
Air		X
Blanket		X
Blast - Dry		X
Blast - Vapour		X
Controlled Atmosphere		X
Controlled Shot Peening		X
HIP		X
Vacuum		X

Thermal Deposition

	In House	Sub Contract
Combustion		X
HVOF		X
ION/ Plasma Vapour Deposition		X
Plasma Spray		X

Diffusion

	In House	Sub Contract
Aluminise		X
Carburise		X
Hard Facing		X
Nitride		X

Electroplating

	In House	Sub Contract
Cadmium		X
Chromium		X
Copper		X
Nickel		X
Silver		X
Tin		X
Anodise		X
Chromating	X	

Etching

	In House	Sub Contract
Chemical Clean		X
Chemical Etch		X
Metallurgical Inspect		X
Nitric Etch		X

Non Destructive Testing

	In House	Sub Contract
Etch		X
Etch (RSP674)		X
Etch (RSP 675)		X
FPI		X
Hardness Testing		X
MPI		X
NDT Level(1 / 2 / 3)		X
Pressure Test		X
Ultrasonic		X
X - Ray		X