

HYCROME

AEROSPACE

CNC Manufacturing

Personnel

20 (Hycrome 120)

Daily Monitoring of SQCDP Metrics

- RFT > 98%
- Customer Complaints > 99.9%
- Delivery > 90%

Key Support Functions

- Engineering – CAD / CAM
- Metallurgy Lab



In House Supported Processes:

Machining / Finishing:-

- CNC Mill / Turn
- CNC Cylindrical Grind
- EDM Fast Hole Drill
- CNC Spherical Grind
- Thread Roll
- Hone
- Diamond Lap

Other Processes:-

- HVOF/Plasma Coating
- Copper Plating
- Chrome Plating
- Flo. Penetrant Inspect
- Magnetic Particle Inspect
- Paint
- Vacuum Testing
- Heat Treatment



- CNC Mill / Turn
- HYC20 (ENP SiC)
- Copper Plating



Oil & Gas



- CNC Mill / Turn
- HVOF Thermal Coating
- CNC Spherical Grind
- Diamond Lap
- Vacuum Testing



- Material Heat Treat
 - CNC Mill / Turn
 - Chrome Plate
- CNC Cylindrical Grind
 - Paint



- CNC Turn
- Plasma Thermal Coating
- EDM Fast Hole Drill
- CNC Cylindrical Grind

Aerospace



- CNC Mill / Turn
 - Thread Roll
 - Hone
- Thermal Coating
 - CNC Cylindrical Grind
 - Magnetic Particle Inspect



Industrial Gas Turbine



- CNC Mill / Turn
- Chrome Plating
- CNC Cylindrical Grind
- Flo. Penetrant Inspect



CNC Manufacturing

CNC Turning

- 1 x Haas SL10
- 1 x Haas SL30
- 1 x Colchester Tornado

Max:
Ø400mm x 800mm



CNC Milling

- 1 x Haas VFOE
- 1 x Haas VF3 (4 Axis)
- 1 x Haas VF4 (4 Axis)
- 2 x Haas Mini Mill

Max:
X: 1250mm
Y: 500mm
Z: 500mm



Wire EDM

- 3 x Fanuc

Max:
X: 500mm
Y: 500mm
Z: 500mm



Creep Feed Grinding

- 1 x Jones & Shipman
- 1 x ELB

Max:
X: 500mm
Y: 500mm
Z: 500mm



EDM

- 2 x Joemars

Max:
X: 600mm
Y: 400mm
Z: 500mm



Fast Hole Drill EDM

- 1 x Joemars
- 1 x ELB

Max:
Ø: 0,25mm – 3mm
X: 500mm
Y: 500mm
Z: 500mm

