

SURFACE TECHNOLOGY: Oil & Gas Solutions

**HVOF THERMAL SPRAY COATINGS/ LASER CLAD COATINGS/ MACHINING/
CNC MANUFACTURING/ GRINDING/ CMM INSPECTION/ REVERSE ENGINEERING**



Due to erosion and corrosion challenges in the acquisition of Oil and Gas, ASCO Thermal Spray coatings are a necessity to maximize recovery whilst maintaining extended product life of critical components.

ASCO thermal spray coating processes are used to improve or restore a component's surface properties or dimensions, thus extending equipment life by significantly increasing erosion and wear resistance, surface hardness and corrosion protection in the harshest environments.

Through extensive development and testing worldwide, ASCO HVOF & Laser Clad coatings are proven to extend component life and prevent fatigue reducing downtime and costs associated.

TYPICAL COATED COMPONENTS RELATABLE TO OIL & GAS INDUSTRY

- Drill heads
- Operating Pistons
- Ram Change Pistons
- Reamers
- Gates
- Seats
- Mud rotors
- Actuators
- Mandrels
- Stabilisers
- Hole Openers
- Sleeves
- Downhole Logging & Inspection Tools
- Hydraulic Cylinders
- Hydraulic Pistons
- Riser Pins
- Choke Valves
- Washpipes
- Shafts
- Drilling Jars



SURFACE TECHNOLOGY: Oil & Gas Solutions

**HVOF THERMAL SPRAY COATINGS/ LASER CLAD COATINGS/ MACHINING/
CNC MANUFACTURING/ GRINDING/ CMM INSPECTION/ REVERSE ENGINEERING**

Asco are in the unique position to offer full supply of machined components through our state of the art CNC machine shop in addition to repair services of various tools used in Oil & Gas industry. Our one stop shop approach allows us to keep lead times and costs to within customers requirements whilst mitigating risk involved in subcontract processes through continuous investment in our own facilities.

ASCO now offer all the following in house processes -



HVOF



Plasma Coating



Combustion & Arc



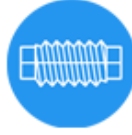
Laser Cladding



Precision
CNC Machining



Precision Grinding
& Superfinishing



Thread Forming



Inspection &
Metallurgical Lab



Fabrication



Reverse Engineering



Chemical Stripping



Refurbish & Reclamation

