(S9) ANNEX A: EQUIPMENT MAINTENANCE

Task:	**Actions:**
Lathe Repairs	Preventative maintenance, cleaning - cutting fluid - cooling fluid, minor.
Wire EDM Repairs	Preventative maintenance, cleaning - fill cooling / cutting tanks with demin water, minor repairs.
Sinker EDM Repairs	Preventative maintenance, cleaning - fill cooling / cutting tanks with "special fluid", minor repairs.
Pillar Drill Repairs	Preventative maintenance, cleaning, minor repairs.
Polishing Machines Tests	Cleaning, operation tests.
ICP OES	Cleaning (minimal cleaning required).
Ovens (Various)	Cleaning, operation tests, basic repairs.
3D Printer	Cleaning, basic repairs.
Autoclave	Preventative maintenance, cleaning, oiling.
Compressor	No maintenance carried out by ND, covered by site services – yearly inspection and servicing.
Flow Rig (Old)	Cleaning, fill water.
Flow Rig (New)	Cleaning, fill water.

- Preventative maintenance - as specified by the manufacturer, regular lubrication of moving parts etc.
- Minor repairs - basic ongoing repairs, replace a hinge on a door - replace a broken guard (supplied as original equipment) etc.
- For "major" repairs and more complicated fault finding - i.e. a machine has completely failed and may need comprehensive investigation and major parts replaced; we try to diagnose as much as we can and then call in a recognised MoD contractor who deals with that particular type of equipment. Paid for via local arrangements.