



BASIC COURSE PROGRAM "MECHANICAL MAINTENANCE"

GOALS:

Notes about most important components in order to perform the first intervention on light damages

PERIOD: 2 days

CONTENTS:

Theoretical part

- Safety (locate warning labels, safety devices, lockouts ...)
- Knowledge of machine – groups/components – performance.
- Knowledge of auxiliaries (hydraulic, pneumatic, coolant)
- Machine drawings analysis
- Motors, variators and kinematic chains
- Gears locking tools
- Loader (fixtures, loading/unloading hands...)
- Lubrication (position and drawings)
- Shaving cutter replacement.
- Main maintenance intervention procedures.

Practise part

The following operators skills will be checked directly on the installed machine:

- Groups/devices location (basic mechanical groups, locking tools, loader, units and auxiliaries).
- Simulation of main maintenance interventions.
- Check/test of machine safety.
- Main emergencies simulation.

Please organize groups (max 4-5 operators)



ADVANCED COURSE PROGRAM "MECHANICAL MAINTENANCE"

GOALS:

Probing about all mechanical topics, with practise tests directly on the machine.

PERIOD: 3 days

CONTENTS:

Theoretical part (1st day)

- Safety (locate warning labels, safety devices, lockouts ...)
- Knowledge of machine – groups/components – performance.
- Knowledge of auxiliaries (hydraulic, pneumatic, coolant)
- Machine drawings analysis
- Motors, variators and kinematic chains
- Gears locking tools
- Loader (fixtures, loading/unloading hands...)
- Lubrication (position and drawings)
- Shaving cutter replacement.
- Main maintenance intervention procedures.

Practise part (2nd - 3rd day)

The following operators skills will be checked directly on the installed machine:

- Groups/devices location (basic mechanical groups, locking tools, loader, units and auxiliaries).
- Simulation of main maintenance interventions.
- Check/test of machine safety.
- Main emergencies simulation.
- Backlash correction.
- Geometric checks.
- Mechanical zero check.
- Tailstocks check.
- Cutter-head mounting.
- Tailstock mounting.

After course end a test will be done, followed by a debate on its results, to verify the understanding of the topics.

Please organize groups (max 4-5 operators)