

MACHINE SHOP SAFETY

TTE TRAINING LIMITED

MACHINE SHOP SAFETY

**THE MACHINE SHOP CAN BE A
DANGEROUS PLACE AND SAFETY
PRECAUTIONS MUST BE TAKEN**

MACHINE SAFETY

ALWAYS:

- ❖ **KEEP MACHINE CLEAN AND IN GOOD CONDITION**
- ❖ **ENSURE YOU KNOW HOW TO STOP YOUR M/C BEFORE STARTING IT**
- ❖ **SWITCH OFF YOUR M/C IMMEDIATELY, IF ANYTHING GOES WRONG**

MACHINE SAFETY

ALWAYS:

- ❖ REMOVE CHUCK KEY BEFORE STARTING M/C
- ❖ ISOLATE M/C AT THE END OF EACH SHIFT
- ❖ CHECK DIRECTION OF CUTTER ON MILLING M/C AND DRILL
- ❖ KEEP M/C AND SURROUNDING AREA TIDY
- ❖ REPORT ANY DEFECTS ON M/C TO TRAINING OFFICER

MACHINE SAFETY

NEVER:

- ❖ **FOOL ABOUT ON A MACHINE**
- ❖ **CHANGE THE DIRECTION / SPEED WHILST M/C IS IN MOTION**
- ❖ **REMOVE STOPS / TRIP DOGS ON A M/C**

PERSONAL SAFETY

NEVER:

❖ **TOUCH REVOLVING CHUCKS OR WORKPIECES**

❖ **LEAN ON THE MACHINE**

PERSONAL SAFETY

ALWAYS:

- ❖ **ENSURE FEED MECHANISM IS IN NEUTRAL BEFORE START UP**
- ❖ **BE CAREFUL OF BURRS AND SHARP EDGES**

PERSONAL SAFETY

NEVER:

- ❖ **USE FILES, SCRAPERS ETC WITHOUT A HANDLE**
- ❖ **REMOVE SWARF WITH BARE HANDS, USE A RAKE OR BRUSH**
- ❖ **MANUALLY LIFT HEAVY EQUIPMENT**

PERSONAL SAFETY

ALWAYS:

- ❖ **REPORT ANY ACCIDENT, HOWEVER SMALL IMMEDIATELY**
- ❖ **WEAR SAFETY GLASSES**
- ❖ **WEAR SAFETY SHOES**
- ❖ **USE BARRIER CREAM PROVIDED**
- ❖ **WEAR YOUR OVERALLS CORRECTLY**

PERSONAL SAFETY

ALWAYS:

- ❖ **KEEP HAIR SHORT OR WEAR CAP**
- ❖ **ENSURE ALL GUARDS ARE IN POSITION BEFORE START UP**
- ❖ **CHECK WORK AREA IS CLEAR BEFORE START UP**
- ❖ **ENSURE EVERYTHING IS SECURE BEFORE START UP**

PERSONAL SAFETY

NEVER:

- ❖ WEAR RINGS AND WATCHES ETC
- ❖ KEEP SHARP TOOLS IN OVERALL POCKETS
- ❖ REMOVE GUARDS
- ❖ TOUCH REVOLVING CUTTERS ETC
- ❖ WASH HANDS IN COOLANT

GENERAL SAFETY

NEVER:

- ❖ **ATTEMPT TO OPERATE A MACHINE UNTIL YOU KNOW HOW TO USE IT**
- ❖ **RUN IN THE WORKSHOP**
- ❖ **THROW THINGS**
- ❖ **LEAVE YOUR MACHINE WHILST IT IS RUNNING**

GENERAL SAFETY

ALWAYS:

- ❖ TAKE CARE OF EQUIPMENT
- ❖ KEEP LATHE TOOLS IN CUPBOARDS WHEN NOT IN USE
- ❖ CHECK DIRECTION OF CUTTER / CHUCK ON MACHINE BEFORE START UP

GENERAL SAFETY

ALWAYS:

- ❖ **USE COMMON SENSE**
- ❖ **IF IN DOUBT ASK!**
- ❖ **USE CORRECT TOOLS FOR THE JOB**
- ❖ **SCRAP WORN / DAMAGED TOOLS**
- ❖ **KEEP WALKWAYS AND MACHINES CLEAN**

GENERAL SAFETY

NEVER:

- ❖ **TOUCH ANY EQUIPMENT UNLESS YOU ARE AUTHORISED TO DO SO**

- ❖ **DIRECT COMPRESSED AIR AT YOURSELF OR WORKMATES, IT CAN KILL!!!**

NEAR-MISS REPORTS

- ❖ **INSERTING WORKPIECE INTO 3 JAW CHUCK**
- ❖ **ALWAYS MACHINE SHOULDER WHEN MANUFACTURING SHAFT**