

# OMAX Jet Machining Center Safety Checklist

Date \_\_\_\_\_ Students \_\_\_\_\_

Name \_\_\_\_\_ Signature<sup>1</sup> \_\_\_\_\_

*<sup>1</sup> By signing this document, I acknowledge receipt and review of this OMAX Safety Checklist and understand items contained within. This document will be kept on file at OMAX in the Customer file.*

## Safety Checklist Topics

### Safety Labels and what they mean

Wear Gloves  
Electrical Hazard  
Lock Out Power  
Eye Protection  
Ear Protection  
Flying Debris/Loud Noise  
Danger – Watch your Hands and Fingers  
Warning – Keep hands away from jet  
Warning – Worn slats  
Warning – Pinch points  
Danger – 480 Volts

### Safety Precautions (Do)

Material handling  
Hearing protection  
Cutting under water  
Approved Safety goggles/ Eyewash Station  
Treat injuries with caution – wear protective gloves  
WJTA Warning Card – medical attention for any waterjet injury  
Special handling of hazardous materials  
Prevent slipping  
Use only approved work platforms  
Use the splash guard (muff)  
Use proper lifting equipment  
Remove power from equipment when not in use  
Operate equipment after reading equipment manuals and receiving qualified instruction  
Be able to quickly access the emergency stop switch  
Start pump only when all side panels are in place  
Maintain protective guards and shutdown devices on/around pump  
Immediately notify repair personnel if leaks are found in pump fittings or connections  
Follow manufacturer's recommendations for servicing and use only original manufacturer replacement parts  
Follow periodic maintenance schedule that ensures proper equipment operation  
Following maintenance activities, clear all tools and rags from around the equipment before starting

### Safety Precautions (Don't)

Don't start equipment unless you know how to stop it  
Never open or do maintenance on the equipment with the main disconnect ON or while the pump is operating. Always follow lockout/tag-out procedures  
Don't make unauthorized alterations to the equipment or components

### Equipment Safety Features

Emergency (E-Stop) Switch (PC Controller and Pump)  
Overpressure Protection safety valve and software shutdown  
Electrical Protection  
VFD / DIN rail mounted contactor and circuit breaker (short circuit protection to the charge pump motor)/ Circuit breakers protect internal transformer/  
0.5 Amp fuse protects pump keypad