LST GROUP

POST INSTALLATION CHECK LIST

Revision: May 2018

WHAT THIS CHECK LIST IS ABOUT

This check list is used during training conducted by a staff member of LST Group to ensure all relevant training is covered for the operation of your Universal Laser System.

By completing this training and associated check list, you will become "LST Trained." Staff members who are LST Trained can then contact LST Support for questions regarding your Universal Laser System.

If a person who is not an LST Trained contacts LST Support, we will direct them towards a member of your organization who is. If your LST Trained staff are not able to solve this enquiry, please have the LST Trained staff member contact LST Support.

If you require further help with the information contained in this guide or would like to book in training with us, please contact the LST Group support department at support@lstgroup.com.au

INSTALLATION

"Office type" or "computer friendly" environment for the laser	
Ambient temperature 15 and 30 degrees C	
Ambient dewpoint temperature less than 10 degrees C	
Room is well ventilated	
Laser is on a level floor or has been levelled	
Electrical outlets meet specifications and are properly grounded	
Electrical power is stable	
Properly installed exhaust system that meets airflow requirements	
Rear of machine not confined	
Computer is next to laser system	
Connected using USB cable supplied with system	
Computer is connected directly to laser system. Computer meets minimum requirements	
Printer Driver installed properly	
Graphic software installed and configured properly	

OPERATION

Laser Safety	
Safety Interlock system	
Fundamentals of how the laser system works	
Turning the system on and the homing procedure	
X-Y and Z motion system controls and the red diode pointer	
Explain difference between RASTER, VECTOR OUTLINE, VECTOR CUT	
Viewer menu - Layout, operations, different viewers etc	
System Menu – Calibration, Alignment etc	
Diagnostics Menu – Firmware, interlock status, etc	
Z control and the 2 focusing methods (Manual, Auto)	
Downloading files and working with the Next and Previous file buttons	
Printer Driver controls and how to use them	

Positioning and loading materials	
Running a sample	
Sample materials	
Using optional accessories (if purchased)	
Maximizing efficiency (engraving time reduction techniques)	

MAINTENANCE

Demonstrate cleaning the optics	
Demonstrate cleaning the rails and bearings	
Beam alignment check. Adjust if necessary	
Demonstrate cleaning the main enclosure	
Describe driver upgrading	
Re-homing the Z and setting the focal length of lens and table	
Suggest spare parts to purchase as extras (optics, bearings, belts)	
Describe how to contact technical support: **support@lstgroup.com.au**	
Describe the Warranty in detail by explaining which parts are covered, how long these parts are covered, and under what conditions. Also explain that labour and other expenses are not included, only the parts.	

LST TRAINED SIGN OFF

The LST Group representative performing the training has clearly discussed all the topics listed above with me.

Organization _____

Name _____ *Email* _____

Name _____ *Email* _____

Name _____ *Email* _____

Name _____ *Email* _____

Name _____ *Email* _____

LST Representative Name _____

Signature _____ *Date* _____

CONTACT US

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