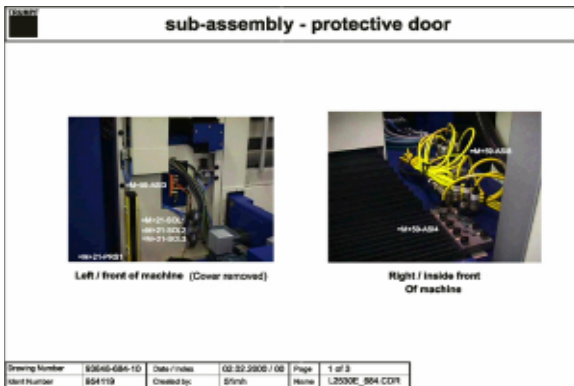


COURSE DESCRIPTION

The focus of this I/O Schematic training course is on laser control system, its components, and its schematics. At the end of the course, the student will develop a thorough understanding of the laser control system and they will develop the knowledge and skills to troubleshoot laser control related problems, determine the appropriate troubleshooting tools, and to resolve machine problems to return customer's machines to operational conditions as fast as possible. Students are strongly encouraged to continue to develop and apply their own troubleshooting and problem-solving skills more effectively and efficiently to solve future problems they encounter on the job.



TARGET AUDIENCE

Customer personnel with service responsibility (by special invitation only) and TRUMPF Service Engineers

PREREQUISITES

Special invitation through TRUMPF Training Manager.

COURSE DURATION

2 weeks

OBJECTIVES

- Follow electrical safety work practices
- Recognize basic electronic components
- Identify major sections in Schematics Manual
- Identify components in laser control cabinet
- Use device identification to order replacement parts
- Read electrical schematics
- Adopt appropriate troubleshooting tools
- Troubleshoot with schematics



TRUMPF



Training Department
c/o TRUMPF Inc.
111 Hyde Road
Farmington, CT 06032

Contact Kathy Coco at 860-255-6068
training@us.trumpf.com

COURSE OUTLINE

- Course orientation and outline
- Pretest
- Electrical Safety
- Electronics Fundamentals
- Overview of Schematics
- Laser Control Cabinet
- Device identification and parts number
- Reading Schematics
- Troubleshooting Tools
- Troubleshooting Tools with Schematics
- Group Troubleshooting and Exercises
- Individual Troubleshooting and Exercises

CUSTOMER SERVICES

COURSE OUTLINE