



Certificate of Compliance

Certificate: 2345725

Master Contract: 154351

Project: 70014818

Date Issued: November 10, 2014

Issued to: **Hypertherm, Incorporated**
21 Great Hollow Rd
Hanover, NH 03755
USA
Attention: John Freudenberg

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Sam Zaffino

Issued by: Sam Zaffino

PRODUCTS

CLASS 2252 85 - PROCESS CONTROL EQUIPMENT - Certified to US Standards

CLASS 2252 05 - PROCESS CONTROL EQUIPMENT

Fiber Laser cutting power source Model: HFL- 015 or HFL-010 or HFL-020 or HFL-030 or HFL, permanently connected,

HFL-010, HFL-015, HFL-020 or HFL part numbers 051023, 051039, 051041, 051042, 051043, 051044 Rated 400 – 480VAC, 3 phase, 50/60Hz, 10kVA.

HFL-030 or HFL part numbers 051048 or 051053; Rated 440-480VAC, 3 phase, 50/60Hz, 15.5kVA

HFL-030 or HFL part numbers 051049 or 051052; Rated 380-400VAC, 3 phase, 50/60Hz, 15.5kVA

Notes:

Conditions of Acceptability:

1. This report covers the Hypertherm Fiber Laser HFL-015 or HFL-010 or HFL-020 or HFL-030 or HFL which includes the following units – power source (p/n 051023, 051039, 051041, 051042, 051043, 051044, 051048, 051049, 051052, 051053), GAS CONSOLE (p/n 051024), HEAD CONTROLLER (p/n 051026) and



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LF 150 HEAD (051025). These four units are considered as components, which are to be installed in an end-system or an end-installation for their intended function.

2. This report covers only electrical-related hazards for the four units (Item 1 above) without addressing any laser-related and end-application-related hazards. It is the responsibility of the end-application manufacturer to obtain all necessary and applicable laser-related (on the four units – Item 1 above) and end-application-related (on each and every end-system or end-installation) safety compliance in according to all applicable national and regional regulations and safety requirements.

3. Based on the intended application and laser power energy and/or power level, the subject equipment is classified, by default, as Class 4 laser equipment.

4. The actual maximum available laser energy and/or power under normal, abnormal and single fault conditions, which are needed for the determination of full compliance with CSA E60825-1, IEC 60825-1 and the applicable US Z136.x series standards, are not covered under this report.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

UL Std. No. 61010-1 (2nd Edition) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

ISA S82.02.01 2nd (IEC 61010-1 Mod) - Safety Standards for Electrical and Electronic Test, Measuring, Controlling and Related Equipment - General Requirements