



DEPARTMENT OF HEALTH & HUMAN SERVICES

FDA/EDM HFA-305

Public Health Service

AUG 9 2004

Food and Drug Administration  
Center for Devices and  
Radiological Health  
2098 Gaither Road  
Rockville, MD 20850

Ref: FDA Docket No. 2004V-0277  
Accession No. 00A2216-01

Mr. Paul Linden  
Owner  
Linden Laser Systems  
2615 State Highway 13  
Lampe, Missouri 65681

Dear Mr. Linden:

In accordance with 21 CFR 1010.4(c)(1) notice is given that the petition of Linden Laser Systems, dated June 29, 2004, for a variance from 21 CFR 1040.11(c) of the performance standard for laser products is approved. This variance will allow the introduction into commerce of the laser light show products described in paragraph D below.

A. Variance Number

2004V-0277

B. Effective Date

In accordance with 21 CFR 1010.4(c)(1), this variance shall become effective on the date of this letter.

C. Termination Date

This variance shall be terminated two (2) years from the date of this letter.

D. Product for Which Variance is Granted

This variance is granted for Class IIIb or IV laser light shows assembled and produced by Linden Laser Systems. Their laser shows may be produced with certified LaserMedia models LMS, LM, Micro 10 YAG, StingRay, of FiberRay; Laser Rentals model Taurus Laser Video; or Beamin Lasers models BL-14, TL-16, or TL-16 Ext laser projection systems containing certified argon, krypton, argon/krypton, dye, or frequency-doubled Nd:YAG lasers.

The laser shows may be presented from temporary or fixed installations in any type of facility or outdoor, unenclosed area for any contracted duration. The effects employed in the shows may be front or rear screen projections, holographic displays, multiple reflection/diffraction effects, reflections from stationary mirrors, fiber optic projections, fans, beams, down cones, lumia, and enhanced scattering effects.

E. Provision from Which Variance is Granted

This variance is granted from 21 CFR 1040.11(c) of the performance standard for laser products requiring that each demonstration laser

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product shall comply with all of the applicable requirements of 21 CFR 1040.10 for a Class I, IIa, II, or IIIa laser product and shall not permit human access to laser radiation in excess of the accessible emission limits of Class I and, if applicable, Class IIa, Class II, or Class IIIa.

**F. Conditions under Which Variance is Granted**

In lieu of the requirements referred to in Item E above, the conditions as specified below in Variance Attachment A and Variance Attachment B shall apply to the products and devices manufactured under this variance and to the shows assembled and produced under this variance.

**G. Basis for Approval of Variance**

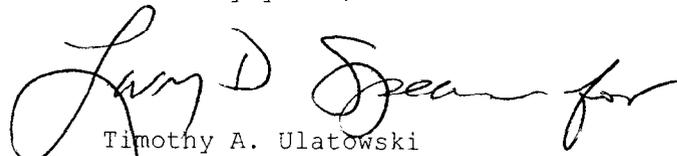
In accordance with 21 CFR 1010.4(a)(2), it has been determined that the product is required to perform a necessary function or is intended for a special purpose which cannot be performed or accomplished with equipment meeting the requirements referred to in Item E. Suitable means of radiation safety and protection will be provided by constraints on the physical and optical design, and by warnings in the user/purchaser information.

**H. Certification Label**

The certification label required by 21 CFR 1010.2 shall be modified in accordance with 21 CFR 1010.4(d) to state: This product complies with performance standards for laser products under 21 CFR Part 1040 except with respect to those characteristics authorized by Variance Number 2004V-0277 effective **AUG 9 2004**.

This variance action is available for public disclosure in the Food and Drug Administration (FDA) Dockets Management Branch and a notice of availability will be published in the Federal Register. The variance will remain in effect until the termination date unless a determination is made that the variance should be amended or withdrawn to protect the public health and safety.

Sincerely yours,



Timothy A. Ulatowski  
Director  
Office of Compliance  
Center for Devices and  
Radiological Health

cc: FDA Division of Dockets Management, Docket No. 2004V-0277

Attachments A and B