

Instruction  
Hardware Engineering

No. LMS 1-14

**Subject:** Hazardous Items, Licensing and Certifying

**APPROVED BY** Manager, Hardware Engineering

**STATUS** Maintenance Revision

**PURPOSE** Identifies those equipments, processes, and materials which, by law, require licensing to operate or use and/or certification of the operator or user. It also identifies the persons or departments responsible for obtaining the proper license and certifications. L-3 Communications Corporation, Link Simulation & Training Division (hereafter referred to as Link) product certification, such as covered in **LMS 1-13**, Radiation Control, is a separate subject not included within the scope of this Hazardous Items Instruction. Link manufacturing personnel shall follow the requirements of this instruction when registering, licensing, and certifying operators of equipment which deal with hazardous items listed in paragraph 1.1.

**AFFECTED FUNCTIONS** Hardware Engineering  
Manufacturing

**REFERENCES** **LMS 1-13** Radiation Control  
New York State Industrial Code, Rule 38 Radiation Protection  
New York State Industrial Code, Rule 50 Laser

**DEFINITIONS** None

**INSTRUCTION**

1. Requirements
  - 1.1 General. This instruction coverage presently includes the following items:
    - a. X-ray equipment used to examine welds, castings, etc.
    - b. Laser equipment used to modify visual system elements.
    - c. Radioactive material.

- 1.2 Records. Copies of all registrations, certifications, etc., related to this instruction shall be permanently filed in the office of the Facility Safety Officer.
- 1.3 X-ray equipment. New York State Industrial Code, Rule 38, requires the registering and licensing of X-ray equipment.
  - a. Registration of x-ray equipment. It shall be the responsibility of the department manager in which the X-ray equipment is to be installed to register and obtain the necessary license.
  - b. Operator competence. It shall be the responsibility of the manager(s) whose employees will operate the X-ray equipment to assure that they are properly trained in the operation of and safety procedures related to the equipment.
- 1.4 Laser equipment. New York State Industrial Code, Rule 50, Lasers, requires the registration of mobile lasers and laser installations with the Industrial Commissioner. In addition, the code requires that persons who operate a laser outside a fixed installation, i.e., a mobile laser, must possess a certificate of competence issued by the Industrial Commissioner.
  - a. Registration of lasers. It shall be the responsibility of the department manager in which the laser is to be installed to obtain the necessary registration. The registration of mobile lasers shall be the responsibility of the manager who procures the device.
  - b. Operator competence. It shall be the responsibility of the manager(s) whose employees will operate the laser to obtain the proper certifications.
- 1.5 Radioactive Material. New York State Industrial Code, Rule 38, requires licensing for transfer, receipt, possession, use, or disposal of radioactive material. Link's exposure to such material will probably be limited to purchased devices which use the material for luminous purposes, such as in aircraft switch handles, or as used in air ionizers, static sensing devices, or fire/smoke detectors.

Radioactive material usage. Except for product of combustion detectors, radioactive material shall not be used in Link products without approval of Specialty Engineering.

**UNSIGNED HARDCOPY  
NOT CONTROLLED**



Instruction  
Hardware Engineering

No. LMS 1-14

---

2. Quality Assurance Provisions (Not Applicable)
3. Preparation For Delivery (Not Applicable)
4. Notes (Not Applicable)