**Section 350.3045 Operating Requirements**

a) When radiography is performed at a location other than a permanent radiographic installation, a minimum of two radiographic personnel shall be present to operate the radiographic exposure device. At least one of the radiographic personnel shall be a radiographer. The other radiographic personnel may be either a radiographer or radiographer trainee.

b) Collimators shall be used in industrial radiographic systems that use crank-out devices except when physically impossible.

c) Other than a radiographer, or a radiographer trainee who is under the personal supervision of a radiographer, no person shall manipulate controls or operate equipment used in industrial radiographic operations.

d) At each job site, the following shall be supplied by the licensee or registrant:

1) The appropriate barrier ropes and signs;

2) At least one operable, calibrated survey instrument;

3) A current whole body individual monitoring device for each worker; and

4) An operable, calibrated pocket ionization chamber (i.e., pocket dosimeter) with a range of zero to 2 mSv (51.6 µC/kg, 200 mrem or 200 mR) for each worker.

e) Each worker who performs industrial radiography with a sealed source at a location other than a permanent radiography installation shall have on his or her person an operable, calibrated alarm ratemeter.

f) Each radiographer or radiographer trainee at a job site shall have on his or her person a valid industrial radiographer certification card issued by the Agency pursuant to the provisions of 32 Ill. Adm. Code 405.

g) Industrial radiographic operations shall not be performed if any of the items in subsections (d), (e) and (f) of this Section are unavailable at the job site or are inoperable.

h) The licensee shall not transport radioactive material unless the material is packaged, and the package is labeled, marked and accompanied with appropriate shipping papers in accordance with 32 Ill. Adm. Code 341.

i) The licensee shall lock and physically secure the transport package containing radioactive material in the transporting vehicle to prevent accidental loss, tampering or unauthorized removal of the radioactive material from the vehicle.

(Source: Amended at 28 Ill. Reg. 12598, effective October 1, 2004)