



Training Requirements for XRF Users

Before you may use an x-ray fluorescence (XRF) device to test paint and coatings for the presence of lead in housing or child-occupied facilities built before 1978, you must first:

- Complete the required training for the lead inspector or lead risk assessor discipline.
- Pass the appropriate state certification exam.
- Complete an XRF manufacturer's training class.
- Apply for and receive a Wisconsin license for your XRF device. (See the "Licensing Your XRF Device" factsheet, P-2293)
- Apply for and receive your Wisconsin certification as a lead inspector or risk assessor.

Training topics must include radiation safety, regulations applying to XRF use, and transportation requirements. Monitored hands-on training for your XRF device is also required. XRF training may be provided by a manufacturer's representative in person, the manufacturer online, or a manufacturer-qualified instructor at your worksite. Contact the manufacturer of your device for their training options.

Note: In-house training provided by a manufacturer-qualified instructor must be equivalent to the manufacturer's training. Individuals completing in-house training must receive a signed certificate of completion from the manufacturer. Make sure the manufacturer recognizes your in-house training and will issue you a certificate.

Part One: Safety, Regulatory, and Transportation Training

If in-person training is not available, go to your XRF device manufacturer's website to complete their online training for radiation safety, regulations, and transportation requirements.

Part Two: Hands-on Training

After completing the required training topics, contact the XRF manufacturer to schedule hands-on training. Contact information can be obtained on the manufacturer's website. Manufacturers may provide this training by an online tutorial (e.g., via Skype) as long as you have the XRF device available and your radiation safety officer or primary manager of the device is in the room during training. They may also offer in-person hands-on training in your area. Inquire with the manufacturer about available hands-on training options.

After you complete the XRF training, the manufacturer will issue you a certificate signed by the manufacturer's representative. Submit a copy of your XRF training certificate with your lead inspector or risk assessor certification application, to the Wisconsin Department of Health Services, Lead and Asbestos Section.

Contact the Lead and Asbestos Section for additional information at 608-261-6876 or by email at dhsasbestoslead@wisconsin.gov.