



NORTH DAKOTA DEPARTMENT OF HEALTH
Environmental Health Section

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Bismarck, ND 58504-5264

Fax #:
701-328-5200

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P.O. Box 5520
Bismarck, ND 58506-5520

FILE

MEMO TO : All XRF Licensees
FROM : Terry L. O'Clair, P.E. *TLO*
Director, Division of *For* Air Quality
RE : Information Notice 10-15-02:
"Loaning XRF Devices"
DATE : October 16, 2002

Enclosed is a copy of North Dakota Department of Health Radiation Control Program Information Notice 10-15-02: "Loaning XRF Devices". This information notice was issued to remind licensees that x-ray fluorescence (XRF) devices containing radioactive material may not be loaned out to individuals who are not trained employees of your organization.

It is expected that you will review this information for applicability to your licensed activities and consider actions, as appropriate, to ensure the safe and legal use of radioactive materials in the State of North Dakota.

This notice is for your information only. No specific action nor written response is required. If you have any questions about this information, please contact the Radiation Control Program at (701)328-5188.

TLO/JMG:saj
Enc:

Environmental Health
Section Chief's Office
701-328-5150

Air
Quality
701-328-5188

Municipal
Facilities
701-328-5211

Waste
Management
701-328-5166

Water
Quality
701-328-5210

Information Notice 10-15-02: “Loaning XRF Devices”

If you loan your XRF device to other individuals or groups, you could potentially violate your specific North Dakota Radioactive Material License. The following information is what you need to know in order to maintain compliance.

Who can use the XRF device?

Condition 12 of your North Dakota Radioactive Material License describes the requirements for those authorized to use the XRF device. These requirements include:

1. Individual users must attend the XRF manufacturer’s training course, or another training course for XRF users approved by the Department; and
2. Individual users must be trained in your company’s operating and emergency procedures for using the XRF device; and
3. The individuals must be designated in writing by your Radiation Safety Officer as authorized XRF users.

Copies of the training certificates for each authorized XRF user must be kept on file in your North Dakota office for inspection by the Department.

It is possible to loan your XRF device to another specifically licensed company, as long as that company’s license allows them to obtain, store and use the XRF. You should obtain a copy of their North Dakota Radioactive Material License prior to lending them your XRF device.

What if we loan our XRF and the user does not comply with all radiation safety requirements?

Both parties may be found to be noncompliant to some degree. The actual XRF user is responsible for following all state requirements when using the device; and the licensee who loaned the XRF device is responsible for ensuring that the XRF is loaned only to licensed and trained individuals or companies. If an incident or accident occurs with one of your loaned XRF devices, your company may be held fully responsible.

Where can the XRF be stored and used?

According to Condition 10 of your North Dakota Radioactive Material License, the XRF may only be stored and used at the address specified in this condition. The XRF may be used at your company’s temporary job sites anywhere in the State of North Dakota (except in areas of exclusive federal jurisdiction).

What are the underlying considerations?

Although it is possible to loan your XRF device to other trained individuals and licensed agencies, it is difficult to ensure the security and proper use of the device when it is not under your direct authority and control.