

Radiation Safety Training Program for X-ray Inspection



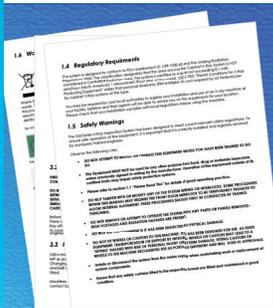
Operator Radiation Safety Training

Covers all topics mandated by federal and state laws and includes a course exam. This training is perfect for seasonal and new employees, or anyone needing an annual refresher course.



Radiation Safety Officer (RSO) Training

Builds on the Operator Radiation Safety training and includes in-depth training on federal and state laws as it relates to the role of the Radiation Safety Officer (RSO). An RSO exam follows the course and a certificate is issued upon completion.



Radiation Protection Plan Training

Each state requires plants with x-ray equipment to have a written radiation protection program (RPP). This training focuses on plan development to ensure regulations, safety practices and effective protection policies are in place. With an effective RPP, your operations can achieve compliance with (ALARA) standards.



Food and pharmaceutical processing and packaging professionals are familiar with the many benefits of integrating x-ray inspection in their operations. At the same time, federal and state regulations that govern these industries are becoming increasingly stringent. Making matters more challenging, each state has different requirements for compliance.

Each state requires that all x-ray units are registered along with a designated person assigned (often called Radiation Safety Officer). This person is responsible for ensuring that all employees who work around the machine are trained on radiation safety.

METTLER TOLEDO offers several comprehensive training programs designed to ensure your facility is compliant with federal and your state's specific regulations. These classes are tailored to match your individual facility's needs.

The training modules below are available from our service experts for METTLER TOLEDO x-ray product inspection equipment.

		Course Overview
Trainer		METTLER TOLEDO Radiation Safety Officer
No. of participants		Number of participants varies on class type selected
Location		Your facility or at our state-of-the-art training facility
Duration and Style		<p>Operator Radiation Safety Training: Approximately 2-3 hours, depending on training requirements. All classroom setting.</p> <p>Radiation Safety Officer Training: Approximately 4-5 hours, depending on training requirements. Classroom and hands-on in front of machine.</p> <p>Written Radiation Protection Plan: Approximately 4-5 hour encompassing plan development, training and site survey.</p> <p>The above classes can be combined to suit your individual needs.</p>
X-Ray Operator Radiation Safety Training	30589736 (Customer site)	<ul style="list-style-type: none"> • Theory of operation - What is radiation? • Sources of natural and artificial radiation • Breakdown of radiation sources • Health damage caused by radiation • Inspection vs. irradiation of food • Radiation safety design features of Safeline systems • 25 question exam
Radiation Safety Officer Training <small>Tailored to your specific machine and state regulations.</small>	30589737 (Customer site) or 30589738 (METTLER TOLEDO site)	<ul style="list-style-type: none"> • Brief overview of radiological fundamentals and x-rays • Responsibilities of the Radiation Safety Officer • Cabinet X-ray Regulations (FDA 21 CFR 1020.40) • Registration requirements for cabinet x-ray systems • Standards for Protection Against Radiation Regulations (10 CFR 20 or State Equivalent) • Notice to employees – Instructions to radiation workers • Radiation Safety Officer action items • 50 question exam • Certificate issued upon course completion
Written Radiation Protection Program <small>Tailored to your specific machine and state regulations.</small>	30589739 (Customer site) or 30589740 (METTLER TOLEDO site)	<ul style="list-style-type: none"> • A prepared written Radiation Protection Program • Includes procedures, checklists, and other resources • Includes instructions on proper maintenance of program and how to alter the program if needed

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