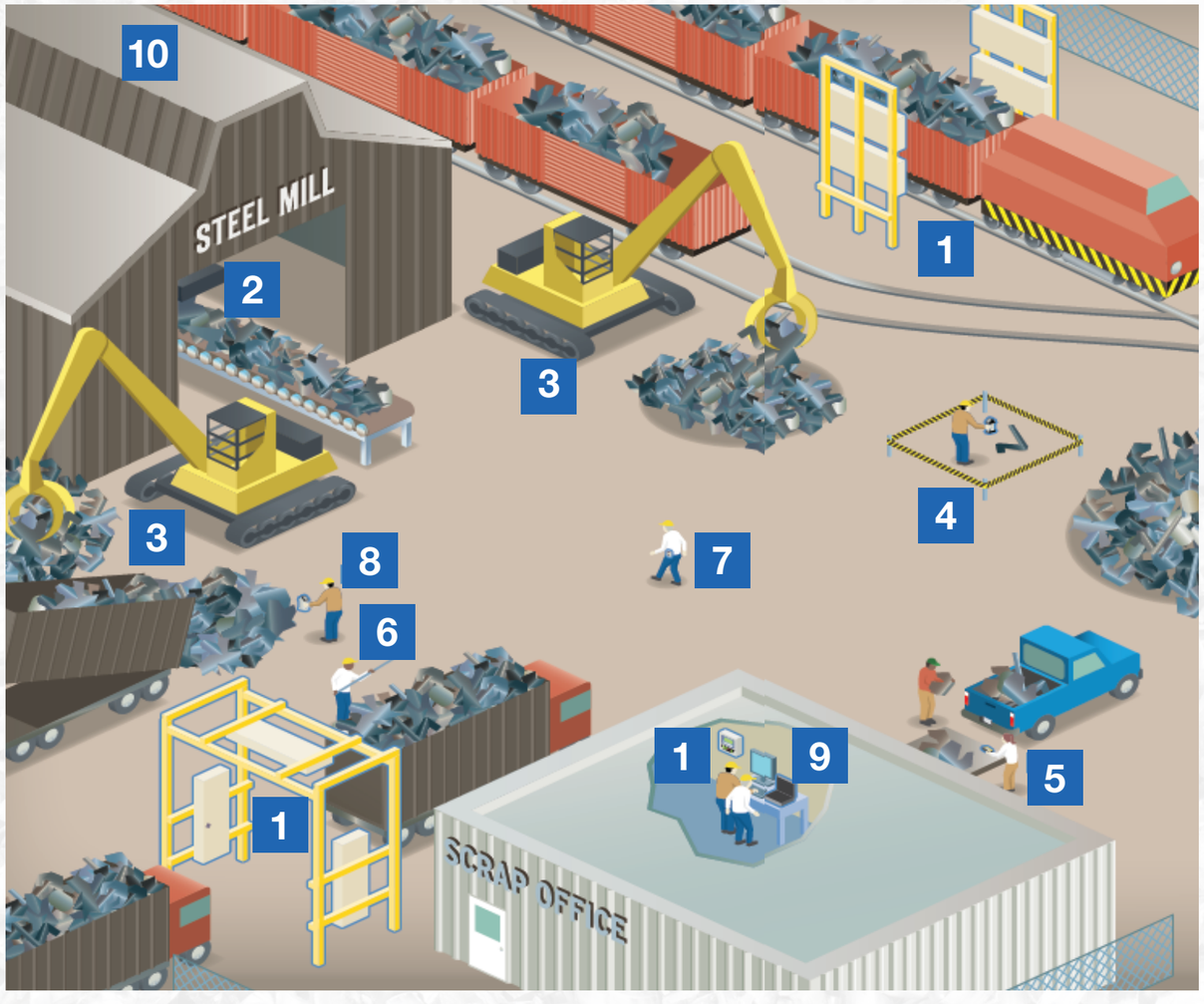
10 Areas Metal Processors Require Radiation Detection



Undesirable radioactive sources can frequently show up at metal processing facilities, threatening the safety of employees, products, and resulting in expensive plant decontamination and shut down. Multiple points of inspection are necessary in the workflow to ensure processed materials are free from radioactive sources.

We have identified **10 areas** to consider when looking to protect your facility and the public from radiation threats.

1. **Vehicle Monitoring** Use Radiation Portal Monitoring systems for truck and railcar monitoring. **ASM IV Series**
2. **Conveyor, Platform Scales or Dust Collection** Ensure process monitoring systems are configurable for conveyor, platform scales or system dust collection. **SGSI-GSE**
3. **Grapple Monitoring** Use a ruggedized, wireless grapple-mounted radiation detection system. **RadEye GR**
4. **Accurate Identification of Source** Use a ruggedized handheld radioactive isotope identification (RIID) instrument, to provide fast, real time identification and analysis. **RIIDEyeX**
5. **Isotope Identification** Radioactive isotope identification combined with the portability and gamma performance capability. **RadEye SPRD**
6. **Search and Find Applications** Portable Personal Radiation Detectors provide sensitive and fast detection of gamma radiation with accurate dose rate measurements. **RadEye PRD**
7. **Gamma Neutron Detection** Use a monitor that combines gamma sensitivity and energy compensated dose rate measurement with separate, high sensitivity neutron response and alarm threshold. **RadEye SPRD GN**
8. **Detection of Shielded Sources** Utilize the most sensitive handheld instruments that feature fast discrimination between man-made artificial sources and natural radiation. **RadEye NBR**
9. **Remote Monitoring and Reporting** Utilize software for documenting scans performed. **Viewpoint Enterprise**
10. **Contamination Level Determination** Use portable steel sample counting system to determine Co-60 contamination levels in the metallurgy lab or out in the field. **RadEye Steel Contamination Kit**

Find out more at **thermofisher.com/radiationmeasurement**

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