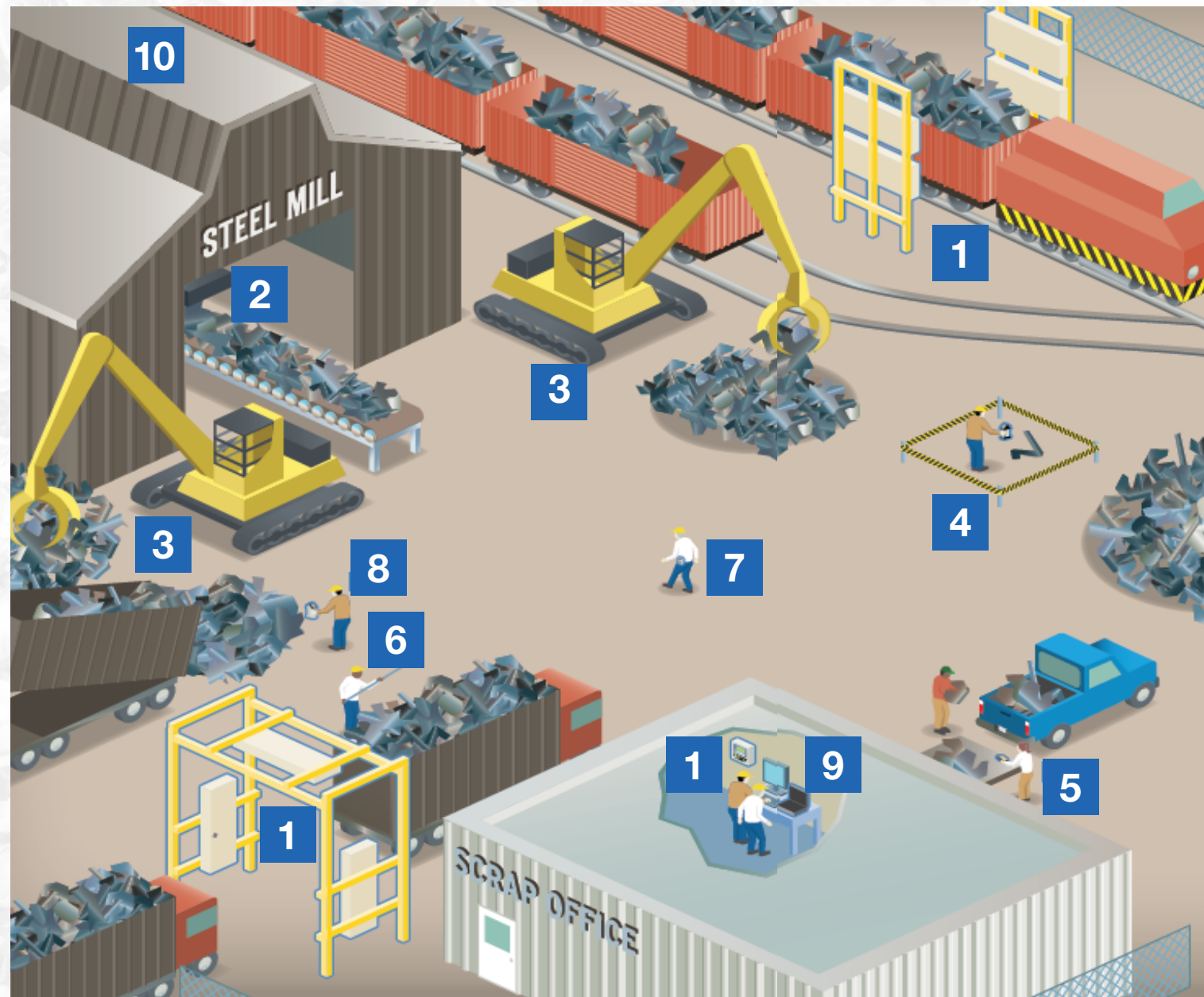


10 Reasons (and Places) Recyclers Need Radiation Detection



- Radioactive sources can frequently show up at recycling facilities.
- These sources threaten works and can end up in recycled material, threatening consumers.
- Multiple points of inspection are needed – from vehicles entering to various steps in the process.

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

- 1 Truck and Railcar 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 Vehicle Monitoring** Use a ruggedized, wireless grapple-mounted radiation detection system. **RadEye GR**
- 4 Worker Safety** Use a ruggedized handheld radioactive isotope identification (RIID) instrument, to provides fast, real time identification and analysis. **RIIDEyeX**
- 5 Combination Detection** 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 Paging** Use a monitor that combines gamma sensitivity and energy compensated dose rate measurement with separate, high sensitivity neutron response and alarm threshold. **RadEye NBR**
- 8 Accurate Identification of Source** Utilize the most sensitive handheld instruments that feature fast discrimination between man-made artificial sources and natural radiation. **RadEye Safety kit**
- 9 Documentation** 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.

Find out more at thermofisher.com/radiationmeasurement