

Five challenges recyclers face in material verification

...and how Niton XRF analyzers along with ASM scrap monitors and RadEye radiation detectors help solve them

1 Look-alike alloys can lead to misclassification.

Thermo Scientific™ Niton™ handheld XRF analyzers eliminate guesswork and help avoid accidental downgrades.



2 Dual priorities of speed and accuracy sometimes conflict.

Lightweight Niton analyzers provide quick, non-destructive testing to support high-volume sorting without sacrificing accuracy.



3 Regulatory requirements demand screening for hazardous materials.

Prevent unwanted radioactive or heavy metals from entering the recycling flow with Niton analyzers and Thermo Scientific™ radiation detection solutions.



4 Radioactive sources could put people and operations at risk.

Early recognition with Thermo Scientific™ radiation detectors and scrap monitors helps keep yards safe and compliant by assessing incoming materials before processing begins.



5 Varying operator experience levels may lead to inconsistent outcomes.

Intuitive Niton analyzers feature simple workflows and pre-configured modes to help workers at all training levels generate reliable results.



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