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Metal detectors secure shop-towel quality

Laundering industrial towels embedded with metal chips and curls from machine shops makes the task labor intensive, tedious, and slow. This is why Aramark Uniform Services, headquartered in Burbank, Calif., incorporated an automated metal-detection/conveyor system for towel inspection.

After towels are laundered and quickly inspected for other defects, they ride on an Eriez conveyor and pass through an Eriez E-Z Tec metal detector. The system automatically rejects towels when it senses metal. At the discharge end of the conveyor are two bins, one for rejects and another for accepted towels. Prior to the Eriez Magnetics system, Aramark employees held up towels and visually

inspected them for tramp metal.

According to Aramark, customers receive added value in the form of product purity, reduced risk of personal injury, and virtual elimination of customer liability. The company now protects customers from injury due to metal lacerations. In addition, embedded metal no longer causes damage such as scratched paint on automobiles.

Eriez Magnetics
Erie, Pa.



An Eriez E-Z Tec metal detector checks shop towels for tramp metal chips that could cause personal injury or product damage.

