To meet the regulated disposal requirements, specific temperature and time limits must be maintained to ensure complete destruction of material. Thermocouples and conventional thermometers have difficulty measuring the gas temperature throughout the combustion chambers and within the kiln.

AMETEK LAND SOLUTION
The NIR-B or FTI-EB provide a thermal image and temperature map within the kiln, delivering temperature feedback for burner controls. The CDA thermometer measures the temperature of hot gases within the secondary combustion chamber using a specially-selected wavelength which is insensitive to cold gases in the ambient air. Alternatively, a SPOT pyrometer, mounted outside the kiln, but within a thermowell, can penetrate the refractory lining of the kiln, giving an interior temperature measurement within this hazardous environment.

NIR-B
Short wavelength non-contact borescope thermal imager with high resolution images and through-the-wall design to provide a wide 90 degree view. Used in the kiln burning zone.

FTI-EB
A process thermal imager used for coal fired boilers to check boiler tube and refractory deterioration and burner performance.

CDA
Single spot non-contact pyrometers, durable and long-lasting, used for furnace atmosphere measurements.

SPOT
Single spot non-contact pyrometers with multiple operating modes and outputs. R100 used at burning zone.

FOR MORE INFORMATION VISIT: WWW.AMETEK-LAND.COM