

## ROYAL GREEN Temple, PA



Lamb's Structural Engineers provided turnkey Design Services for installation of a new cyclone separator at this scrap metal processing firm. The new cyclone is used to separate lightweight material from metal during the recycling process.

Lamb's Engineers surveyed the existing cyclone structure and surrounding systems to determine mezzanine and platform elevations and the future operational needs of the new cyclone including a jib crane, raw material conveyor, and operator access / support platforms. Lamb then developed a Structural Design that maintained the existing footprint to avoid conflicts with surrounding operations, and allowed the re-use of the existing foundations.

Phased demolition and construction was implemented to minimize downtime, and bolted structural connections were used to quicken the installation process.



*Robert E. Lamb, Incorporated*  
*Planning Design Construction*