

ASHRAE Level II Audit Report for Maumee Assembly & Stamping

The Toledo Lucas County Port Authority recently presented an award of energy project financing to Maumee Assembly & Stamping in Maumee, Ohio. MDA Engineering Inc. assisted MAS and the TLCPA in securing the \$3.6M in funding for energy savings projects consisting of:

- Replacement of a steam boiler plant with natural gas fired high efficiency outdoor air make-up units to heat 700,000 square feet of manufacturing facilities.
- Replacement of fluorescent and HID lighting with LED high efficient luminaires.
- Repair and replacement of building roof sections with improved thermal insulation and membrane.
- Power factor correction improvements for the facility's primary power system.

MDA Engineering performed an initial facility and manufacturing processes evaluation and completed an ASHRAE Level II Audit in conjunction with MAS's suppliers and contractors. The prescribed ASHRAE Level II Audit is a critical step in obtaining financing available through the TLCPA's Better Buildings Northwest Ohio program. This program facilitates low interest loans assessed to real property, allowing business owners to realize off-balance sheet operational savings.

Qualified projects are reviewed by the Ohio Developmental Services Agency for compliance requirements of the Property Assessed Clean Energy program for 20% energy usage savings within a 5-year payback. The effort for the MAS project resulted in 30% energy usage savings in less than a 2-year simple payback and the largest PACE program financed by the TLCPA and state of Ohio to date.

To learn more, contact Randall Gardner, P.E. of MDA Engineering at 419-893-3141 ext. 001.