

CASE STUDY

FOAM GLASS AGGREGATE MANUFACTURING FACILITY

How do you turn an undesirable waste product—glass from municipal recycling—into a valuable commodity? The folks at Aero Aggregates created a unique solution to this very big problem. Their vision: Build a foam glass plant to turn glass cullet into a lightweight, porous material that is highly desirable for use in road construction, agriculture, and many other applications.

To help turn that vision into reality, Aero Aggregates selected AES to take the lead in front-end engineering design (FEED) and project management. Once the project was designed, our role expanded to include the installation of system components; the design of supplementary systems for glass unloading, cleaning, and bulk storage; the fabrication of silos and support structures; the coordination of heavy power; and the installation of gas utilities. Our talented engineering designers, technicians, millwrights, welders, project managers, and support staff worked closely with the team at Aero and the European furnace and kiln suppliers to manage every detail. The project was successfully commissioned in May of 2017.



Scope of Work

- FEED & Project Management
- System Design
- Conveyor Systems
- Bag Unloading System
- Rigging & Millwrighting
- Powdered Glass Feed System
- Welding & Fabrication
- Gas Main Installation
- Mechanical Installation
- Electrical Installation
- System Start-Up, Commissioning & Training

SOLVE YOUR SCRAP PROBLEMS.
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