

CASE STUDY

Andritz and Synagro

CLIENT SITUATION

Rhoads was contracted to unload and install the mechanical process for the Philadelphia Renewable Bio-Fuels project, a LLC-Class A facility. As the largest plant of its type in all of North America that receives dewatered sludge cake from existing sewage treatment plants and processes it to be used as a fertilizer or a fuel for industrial boilers, TN Ward, the project's general contractor, sought the experience of Rhoads to help solve the problems and complete the project correctly.



RHOADS SOLUTION

Rhoads collaborated with equipment supplier, Andritz Separation and the end user, Synagro, to unload, lay out, survey, rig and install all the equipment. The equipment included 35' tall receiving bins, progressive pumps, furnaces, rotary kiln dryers, dust collectors, elevators, shakers, blowers, scrubbers, regenerative thermal oxidizers, pelletizers, polycyclones, stacks, screw conveyors and compressors, among others. The weights of the equipment ranged up to 200,000 lbs. Rhoads utilized Brunsen optics, Rotalign lasers for alignment, Goldhofer trailers and cranes as large as 500 ton with a 200' Luffing jib.

RESULT

While the project maintained an aggressive timeline, Rhoads was able to make adjustments to shorten the durations on the erection to keep with the schedule. Rhoads completed the installation and continues to work with Andritz and Synagro presently.

**Contact us today to
learn how Rhoads
Industries can help
with your next project.**

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