

# American Ag Fuels Plant

Defiance, Ohio

American Ag Fuels is a manufacturer of Biodiesel. Biodiesel is a cleaner-burning fuel for diesel engines that is produced from renewable resources such as soybean oil. It can be used as a pure product or blended at any percentage with petroleum diesel. Biodiesel is simple to use, renewable, domestically produced, and readily available. Biodiesel provides significantly higher lubrication compared to conventional diesel fuel. High lubricity can decrease maintenance costs and reduce engine wear. It also helps keep our air clean. Biodiesel significantly cuts particulate matter, reduces carbon monoxide and sulfur dioxide emissions. This is especially beneficial to asthmatics.

## *Project Overview:*

American Ag Fuels (AAF) recently experienced an accident involving an explosion in their unloading and loading quonset hut. IPS was consulted after the explosion to begin repairs on damaged pipe, structural steel, insulation, and mechanical equipment. An extensive crew aided in the cleanup and new work began within three weeks of the accident. Reconstruction included a temporary loading and unloading facility, re-piping all steam, oil, process fluids, and chemical lines. A brand new permanent loading/unloading skid, steel work, concrete, heat tracing, and insulation also had to be constructed. IPS and American Ag faced countless challenges throughout the last couple of months from EPA issues, inspectors, and hazardous materials, right down to finding the right parts to fix a simple pump. It was not 30 days after the accident that IPS had the temporary skid ready for use to load and unload product for AAF. Overall the relationship IPS has built with American Ag over the past 2 years proved to be a stronghold through the rough times. IPS is looking forward to continuing their relationship with American Ag.

*Project Duration:* 7 Months

*Project Cost:* \$310,000



ALTERNATIVE FUELS

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