

## Company Overview

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**ADF Engineering**

ADF Engineering, Inc.  
228 Byers Road Suite 202  
Miamisburg, OH 45342  
[www.adfengineering.com](http://www.adfengineering.com)  
Phone 937 / 847-2700

## ADF Engineering, Inc.

Full service engineering and consulting company.

ADF Engineering, Inc. is a full service engineering and consulting company. ADF Engineering was formed in 2003 to provide the Food Processing and Renewable Fuels Industry with professional engineering services. ADF Engineering, Inc. offers all disciplines of engineering expertise: process, civil/structural, electrical and instrumentation/controls. The list of ADF Engineering Inc. projects includes projects throughout North America

The key to ADF's success is our staff's technical knowledge and extensive amount of field experience. ADF Engineering Inc. has compiled a team of engineers, piping/structural designers, and technical specialists experienced in a variety of industries ranging from corn and wheat starch, specialty chemical, food, agriculture, ethanol and biodiesel industries.

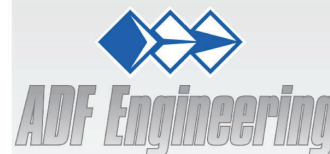
ADF Engineering Inc. is in a strong position to provide all required services for any project from concept to start-up assistance. Services offered by ADF Engineering Inc. include: Design/build, System & facility evaluation, Facility upgrades & retrofits, Grassroots facilities, Full-service engineering, Construction Phase assistance, Start-up assistance.

ADF Engineering Inc. has extensive experience in all of the disciplines required for the design of your facility including Process, Bulk Material Handling, Civil, Structural, Architectural, Mechanical, Electrical, and Instrumentation.

ADF Engineering Inc. uses the latest design software and 3-D modeling during design and construction phases. 3-D modeling offers an easy way to review the current status of a design.

## What We Do

MUST WE DO



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## Services Offered

- Feasibility Studies
- Preliminary & Conceptual Design
- Cost Estimating
- Energy Reclaim Studies
- Mass & Energy Balances
- Process Flow Diagrams
- Equipment Sizing & Specifying
- Process & Instrumentation Drawings
- Instrumentation Sizing & Specifying
- Equipment Layouts
- 3-D Modeling & Interactive Walk-Throughs
- Process Piping
- Utility Piping
- Piping Isometrics
- Piping Specifications
- Piping Stress Analysis
- CIP Design
- GMP Design
- Packaging System design
- Environmental Permitting
- Flammable Liquids Process Design
- Hazardous Locations Electrical Classifications
- Electrical Power Distribution Design
- Lighting Design
- Structural Design of buildings and foundations
- Design and analysis of structural steel, reinforced concrete, masonry, and timber
- Pre-engineered building foundations
- Design and capacity rating of monorails, and supports of hoists and bridge cranes
- Retaining walls and underground structures
- Start-up Services
- Design / Build
- Construction Administration

## Equipment Experience

- Pumps (Centrifugal, PD, Progressive Cavity, etc)
- Heat Exchangers (Plate & Frame, Shell & Tube)
- Evaporation (Thermal & Mechanical Recompression, P&F, Vacuum Pans)
- Demineralization
- Adsorption
- Distillation
- Fermentation
- Batch & Continuous Reactors
- High Temperature Reactors
- Hot Oil Systems
- Vacuum Systems
- Water Softeners
- Centrifuges
- Filtration
- Drying (Flash, Rotary, Spray)
- Pastillators
- Packaging Equipment (50# bags, 100# bags, Bulk Bagging)
- Rotary Vacuum Filters
- Thermal Oxidizers, Regenerative Thermal Oxidizers
- Convey Systems (Positive & Negative)
- Scrubbers
- Screens (Gravity, Vibration, Pressure)
- Air Handling / Packaged Units
- Dust Collection, Baghouse
- Mechanical Conveying (Screw, Belt, Bucket)
- Economizers
- Fans
- Package Boilers