

## Specialists at Work

Practical Solutions for Manufacturing:

Cosmetics

Sanitary Process

Specialty Chemicals

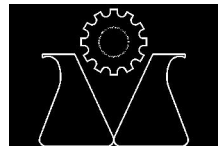
Edible Oils

Petrochemical

Through diverse plant and technological assignments, our engineers have provided clients with designs that are cost-effective, easy to operate and easy to maintain.



Specialty Chemical Batch Processing Unit

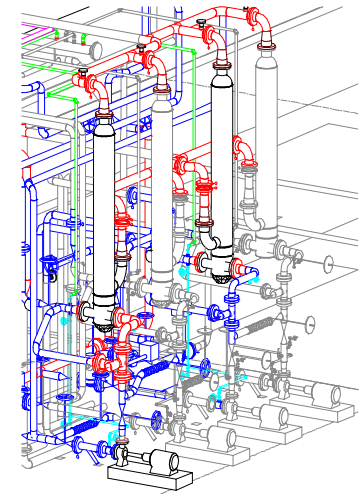


## PDC Engineering

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## PDC Engineering



*Serving the  
Process Industry*

*Custom Engineering  
Solutions Without  
Overhead*

**Tel: 847-795-9800**

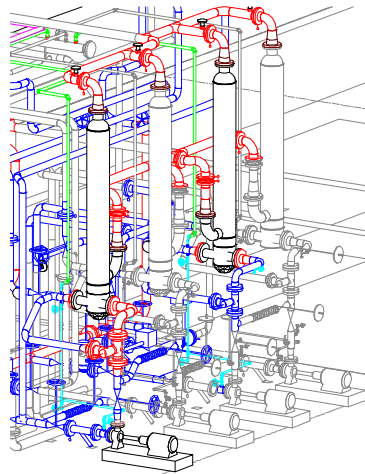
# Process Solutions and Piping Design.

We are engineering professionals and technicians organized for the purpose of providing value added design, drafting and engineering project management. By selecting PDC Engineering to complete your project you will be working with seasoned professionals. The team working on your solution is committed to delivering dependable results and top quality designs that reduce project costs.



## 3-D Computer Designs

By designing complex piping systems in three dimensions all clearances can be verified. In addition views of the system from virtually any point can be immediately plotted. We have found that these 3-D views greatly facilitate construction meetings and the quick understanding of the design.



3-D design of a hot oil system.



Physical installation of the hot oil system.

## Special Services

- Project Management
- Flow Sheet/ P&ID Preparation
- Process Design Calculations
- Equipment Sizing, Design, Selection
- Instrument Specification
- As-built P&ID Creation
- Detailed Engineering
- Instrument and Controls Design
- Utilities Engineering
- Plant Automation
- Plant Layouts
- Piping Analysis
- Procurement Assistance
- Cost Estimates and Project Schedule

## Experienced

- Batch Reactors / Processing Systems
- Steam and Hot Water Systems
- Chilled Water Systems
- All Plant Utilities
- Pilot Plants: Skid and Built-in
- Metering and Mixing Systems
- Laboratories and Clean rooms
- Rail Sidings and Access
- Tanker Truck Facilities
- Industrial Water Treatment
- Vacuum Systems

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