

Sigma is Your Single Source for Process Engineering Services

PROCESS ENGINEERING

Sigma takes the time to fully understand your facility, process and production needs. Our engineers design processes and systems to meet your needs as well as the regulatory requirements set forth by the WDNR, OSHA, EPA and others.

We have practical experience in designing new facilities and processes for industries such as printing, metal processing, metal finishing and coating, foundries, health care, chemical manufacturing and packaging, automotive, food and beverage, transportation, petroleum marketers, sports facilities and other governmental/ commercial facilities.

Whether you need to layout a new facility or improve an existing operation Sigma can help establish your production goals, define the process requirements and develop an optimized, cost-efficient design.



Sigma designs for you.

This custom-designed ultra filtration unit is just one example of a process engineering solution Sigma tailored to fit a client's specific needs.



Sigma handles any job, large or small.

Sigma designed portions of the Journal Sentinel's Production Facility to accommodate its new press operation.

SERVICES DESIGNED FOR YOU

Sigma provides a single point of contact to handle facility design and process improvements in a cohesive manner. Process engineering services provided by Sigma include:

- ▶ Conceptual facility/process layout
- ▶ Plant expansions and additions
- ▶ Process development, control, and improvement
- ▶ Process Optimization/ Troubleshooting
- ▶ Start-up and commissioning
- ▶ Material of construction selection
- ▶ Air handling and ventilation design
- ▶ As-built documentation
- ▶ Cross contamination control
- ▶ Hazardous area classification
- ▶ Mass and energy balance
- ▶ P&ID and PFD development
- ▶ Dust and odor control
- ▶ Procedure development
- ▶ Process and utility piping
- ▶ Sanitary process piping
- ▶ Standard Operating Procedure Development

CONTACT SIGMA TODAY FOR YOUR PROCESS ENGINEERING NEEDS

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THE  **SIGMA**
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