

Mechanical / HVAC / Piping Engineering Services

Siebert offers a full range of mechanical engineering services that cover the requirements of any project. Siebert has experience in many industries. Our projects can be small or large in nature, from the addition of a single piece of equipment to the design of an entire facility.

Mechanical

- Design of Non-coded Vessels, Tanks, and Hoppers
- Design of Equipment Supports
- Design of Diverter Valves and Transition Piece
- Dust Collection Ductwork System Design: New or Evaluation and Modification of Existing Systems
- Specification and Design of Boiler, Compressed Air, Chilled Water, Hot Water, Cold Water, and Vacuum Systems

HVAC

- Systems for Retail, Food Manufacturing, Warehousing, and Offices
- Systems with Temperature and Humidity Control, HEPA Filtration
- Design of Systems to Achieve Room to Room Airflow and Balance
- Design of Exhaust Hoods and Special Push-Pull Units for Open Vats and Tanks
- Ventilation and Exhaust for Special Use Rooms such as Battery Charging Areas and Chemical Storage

Piping

- Steam and Condensate
- Compressed Air, Natural Gas, Nitrogen, and other Gases
- Vacuum
- Chilled Water, Process Hot Water, and Potable Hot and Cold Water
- Drain, Waste, and Vent
- Pump Seal Water and Tank Jacket
- Pipe Racks, Support Structures, and Reinforcement of Existing Building Steel

Industries Served

- Food, Dairy, and Confectionary Manufacturing
- Chemicals and Personal Products
- Industrial Manufacturing
- Commercial and Retail Businesses

Types of Projects

- New Facilities and Modifications to Existing Ones
- Facility Relocations and Build Out of Warehouses
- Design of a New Utility System or Evaluation and Modification of an Existing One
- Feasibility Studies, Equipment Evaluation, Conceptual Design and Final Engineering

