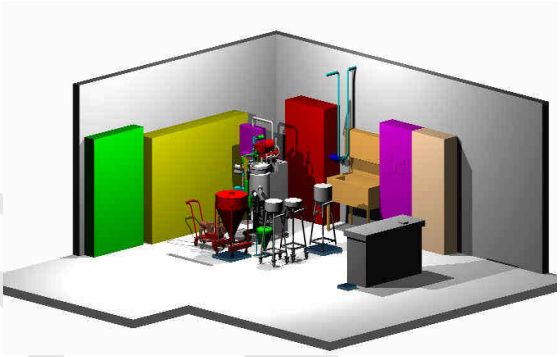
Dennmark Consultants INCORPORATED

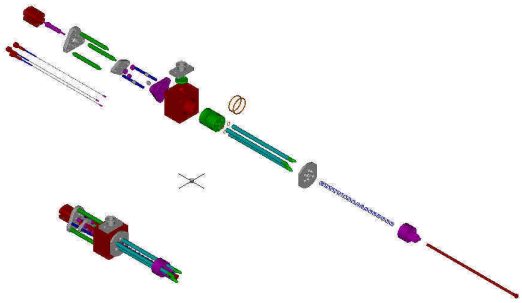
TECHNICAL SERVICES



Dennmark Consultants, Incorporated is a well-established, quality-oriented engineering firm based in Cincinnati, Ohio. Dennmark has been providing engineering services to domestic and international Fortune 500 companies since 1984. Dennmark is staffed with experienced and highly qualified personnel of electrical, mechanical, process, and facilities/HVAC expertise. The company also provides the necessary project controls, scheduling and management to coordinate and support these engineering areas.

With design engineering as a functional basis of Dennmark, the company has excelled in the following areas:

- FEASIBILITY STUDIES
- SYSTEM/PROCESS ANALYSIS
- CONCEPT DEVELOPMENT AND SYSTEM/PROCESS DEFINITION
- EQUIPMENT SPECIFICATION AND VALIDATION
- TRAINING AND MAINTENANCE PROGRAMS
- CONSTRUCTION COORDINATION AND SUPERVISION
- SYSTEM AND FACILITIES START-UP SUPPORT
- SPECIALIZED/PROTOTYPE MACHINE DESIGN AND TESTING



Dennmark has considerable international project experience. A large portion of our business since the start of the company has been in foreign locations. We have executed engineering projects in Europe, Japan, Korea, Indonesia, China, Thailand, the Philippines and Latin America. Dennmark has developed the skills necessary to successfully complete projects within multi-cultural environments.

Dennmark has provided innovative engineering support to many customers. Currently these services include the Consumer Goods market including Foods, Beverages, Fabric Care, Home Care, Health Care, Beauty Care, Pharmaceuticals, and Paper Product Manufacturing and Packaging. Services have also been supplied to the Automotive industry and the Consumer Utilities Sector. Dennmark has worked effectively with a number of business partners to provide complete design/build and design/construct services.

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PRINCIPAL SERVICES PROVIDED

A. Feasibility Studies

B. Conceptual/Definition/Design Engineering

1. Power and Control

2. Mechanical

3. Facilities/Equipment Layout Studies/New Plants/Plant Expansions

4. Process Chemical

5. Process Controls

6. Utilities Systems

. Ancillary Systems

8. Dust Control

C. Speciali ed/Prototype Machine Design

D. Project/Design Coordination and Management

E. Equipment Procurement and Expediting

F. Equipment and System Training Programs

G. Equipment and System Selection, Inspection and Testing

H. Construction Coordination and Supervision for Building/Facilities, Utilities and Ancillaries and Production Equipment

E AMPLES OF PAST AND CURRENT PROJECTS

- Dennmark has provided Power and Control Definition Design, Programming, and Startup support for client s high speed Paper Converting and Packaging projects in Japan, Korea, Thailand, China and the Philippines.

- Dennmark provided the total Power and Control Lead Engineering role for projects in Japan for over 11 years. We provided on-site Power and Control and Mechanical installation and start-up support for many of these projects.

- Dennmark has provided the primary definition, design and site construction/start-up resources in both Process Mechanical and Power and Control for a client s facility in the Philippines.

- We have performed the Mechanical and Power and Control definition and design for numerous paper converting high speed winding and cutting equipment projects.

- Dennmark has provided definition and design coordination for portions of a major pharmaceutical relocation project while working in conjunction with a second engineering contractor. We provided Power and Control and Mechanical construction coordination, equipment start-up and training for the making and packing systems at the plant.

- Dennmark has provided Process, Power and Control and Mechanical Definition for a pharmaceutical extrusion process project. Dennmark provided the Process design for this project as well. We worked with, and coordinated two other contract firms for execution of the Electrical, Mechanical, and Civil Design portions of this project. We also provided on-site Process/Mechanical construction coordination and start-up support at the site.

- Dennmark has provided complete Power and Control and Mechanical definition and design for liquid product filling and packing upgrade project. We were involved in this project from the beginning of the feasibility phase. Dennmark provided on-site PSI and start-up coordination for the project. We also provided detailed system technical and operational training for the plant operators and technicians.

- We have provided overall technical coordination for a contract packing modification/relocation project. Dennmark also developed the start-up, testing and validation procedures for this project.

- Dennmark has been the primary engineering contractor for a Fortune 500 client in China, for the past years providing Process and Controls engineering for an Oral Care Making and Packaging system. This includes completely automated batch processing with batch reporting capabilities.

- Dennmark has provided the primary design engineering and site construction/start-up resources in both Process Mechanical and Power and Control for expansion of several manufacturing plants and construction of several new plants in China. Dennmark was actively involved in all aspects of the building expansion and new building construction, including leading the local China design and construction organi ations. Dennmark continues to support this area in ongoing initiatives and improvement projects.

- Dennmark was a primary contractor in the engineering, construction, and start-up of a client s manufacturing site in Korea. Dennmark engineers and field representatives were involved from the beginning of the project until the end of the start-up phase.

  - Dennmark developed the Electrical Power System strategy for the site and worked closely with a significant regional engineering company during the design of the system. Including supervision of the local construction organi ation in installation and worked with the client and the Korean Electric Power Company in the start-up.

  - All production and support system equipment was installed and started up by Dennmark field representatives. Dennmark played a major role in the Procurement, Scheduling and Cost Control areas of the project.

- Dennmark provided power design review resources for a client s plant 154 KV substation/switchgear project located in Korea. Dennmark worked on-site with the client and Hyundai Heavy Industry resources to review the proposed installation.

- Dennmark provided feasibility analysis and definition for several global Central Monitoring Systems using structured analysis techniques, including all PLC and User Interface Software Coding.

- Dennmark provided conceptual studies, definition and design services for a pet food manufacturer to incorporate new powder and liquid feed systems into their processes at plants located in the U.S. and overseas. This includes supersack handling, dilute phase conveying, loss in weight powder feeding, liquid metering, powder/liquid mixing, and slurry coating to dry feed. This project scope also included dust control and dust hood design.

TECHNICAL DISCIPLINES

PROCESS MECHANICAL

PROCESS DEFINITION

COMBUSTION ENGINEERING

MAKING PROCESSES

UTILITIES SYSTEMS

ANCILLARY SYSTEMS

DUST AND FUME CONTROL

PROCESS RELIABILITY

FACILITIES

HVAC ANALYSIS/DEFINITION

THERMODYNAMICS/HEAT TRANSFER

FLUID MECHANICS

PLANT LAYOUT OPTIMIZATION

POWER AND CONTROL

POWER DISTRIBUTION

MACHINE CONTROL

CONTROL SYSTEM INTEGRATION

PROCUREMENT

ORDER PLACEMENT

E PEDITING/TRACKING

EQUIPMENT STATUS REPORTING

EQUIPMENT INSPECTION
ACCEPTANCE TESTING

PROCESS CONTROLS

INSTRUMENTATION

DISTRIBUTIVE CONTROL SYSTEMS

MAKING PROCESSES

MECHANICAL

SYSTEM DEFINITION

MACHINE DESIGN

EQUIPMENT RELIABILITY

LAYOUT DEFINITION/DESIGN

PROJECT ENGINEERING

PROJECT SCHEDULING

PROJECT COST CONTROL

Dennmark Consultants, Inc. utilizes a wide variety of technologies and methodologies to execute projects to the customer s needs. Feel free to contact us for specific information or to inquire about our skills. We would be pleased to offer you a more indepth understanding of our company.