

Plant Engineering/Facilities Maintenance

CES has the experience and a multi-disciplined staff that can provide your manufacturing or warehousing facility with expertise in the areas of plant engineering and facilities maintenance.

Plant Modernization and Process Improvements

- Conceptual Layout and Design
- Building Design
- Establish Process Effectiveness Measurement Systems
- Equipment evaluation, specification development and selection
- Process and Instrumentation Flow Diagrams
- Wear resistant Material Selection

Material Handling Systems

- Size Reduction Systems
- Belt Conveying Systems
- Pneumatic Conveying
- Level Sensing Systems
- Packaging Systems

Environmental Systems

- Emission Control and Monitoring Systems
- Dust Collection Layout and Design
- Noise Control
- Industrial Water Supply and Treatment
- Wastewater Treatment Facilities

Utility Requirements

- Utility Evaluations and Design: Compressed Air Systems, Natural Gas, Steam and Water Systems
- HVAC System Evaluation and Design
- Fluid Transfer Component and Piping Design
- Process Cooling and Heat Exchanger Systems

Maintenance Systems

- Plant Safety Evaluation
- Inventory Control
- Preventative Maintenance Programs



consulting engineer services

Engineers, Planners, and Land Surveyors

*Serving NJ and the
Surrounding Area Since 1964*