

## Overview of Group Objectives and Competence

The Engineered Services Group's core competence is to provide equipment and engineering services for process and industrial gas customers. This group's charter is to provide exceptional services which meet or exceed a customer's requirements at a competitive price while ensuring the solutions on-time delivery is as per contract documents.

Our ESG staff, including highly skilled and experienced project managers, process engineers, detailed design engineers, and control engineers, applies specialized knowledge of the industrial gas and process industry to solve your unique challenges with customized solutions. This could mean AMCS provides a complete solution to a client's plant modification or supplies resources to trouble shoot a plant operating problem.

Individual engineering needs and challenges are recognized by ESG's professionals. Depending on your situation, ESG will provide a solution that fits your engineering requirements.

ESG's guiding principle is to provide value to its clients. The ESG team provides personalized attention coupled with superior know-how and a broad depth of experience. The groups' industry experience and knowledge ensure that all of the solutions, from engineering studies to engineering packages, are of the highest value.

## Typical ESG Engineered Services

The Engineered Services Group has successfully completed projects and provided services worldwide including turnkey engineered system designs. ESG expertise encompasses Industrial Gas Plant Design, Operations, Process Control, Machine Control, Control Strategy Design, Control System Architecture, System Integration, Electrical Engineering, Project Management, Optimization, Reliability, Data acquisition and Information Management.

## Our Solutions:

- Improve productivity
- Reduce plant lifetime costs
- Enhance process efficiency
- Improve product quality
- Improve plant availability

## Some Examples of ESG Activities Include:

- Plant Designs
- [Site Audits / HAZOP](#)
- [Dynamics and Operability Studies](#)
- System Control Selection
- Energy and Efficiency Audits

- Safety and Risk Analysis
- Integration and Process Control
- [Trouble shooting](#), Plant De-bottlenecking and Expansion
- [Training](#)
- Disaster Recovery
- [Accident / Failure Investigation](#)

ESG also provides [plant based equipment sets](#) when requested.

ESG can be involved in [used plant](#) services, depending on customer requirements.