

E²G INDUSTRY INSIGHTS

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**YOUR ORGANIZATION AND INDUSTRY HAVE
SPECIFIC NEEDS...SO STOP SETTLING FOR
GENERIC BEST PRACTICES!**

E²G | The
Equity
Engineering
Group, Inc.

PRACTICES

**YOUR ORGANIZATION AND INDUSTRY HAVE SPECIFIC NEEDS...
SO STOP SETTLING FOR GENERIC BEST PRACTICES!**

BY: JEANNIE LEWIS

INTRODUCTION

Organizations have four options when choosing a Best Practices collection:

- Use Best Practices provided by an Engineering, Procurement, & Construction (EP&C) firm
- Purchase a generic set of Best Practices
- Develop a set of Best Practices internally

The challenges to these first three options are that...

- While “free” – the EP&C firms’ Best Practices do not include an organization’s preferences or lessons learned, leading to engineering inefficiency due to inconsistent designs, and likely include designs that focus on initial cost reductions rather than long-term cost savings through improved reliability over the equipment’s life cycle.
- While “cheap” – a generic set of Best Practices is not detailed enough to meet the specific needs of each industry. As a result, users are then required to develop and maintain additional overlay Best Practice documents, which reference generic Best Practice documents, that then reference industry standards, all of which cause significant issues regarding accessibility, management, and ability to maintain and use.
- While “ideal” – developing and maintaining an internal set of Best Practices can be a massive, costly, and challenging effort. This effort is time-consuming for already over-utilized resources and requires expertise in a vast array of subject areas. As a result, the collection either never gets developed or is not maintained to align with current Recognized and Generally Accepted Good Engineering Practices (RAGAGEP).

Well, don’t worry, engineers. We didn’t forget the fourth option. What we offer at E²G is a better alternative, a fourth solution that provides all the benefits of an internally-maintained Best Practices collection but requires only a fraction of the effort – The Equity Engineering Practices® (EEPs).

WHAT ARE THE EEPs?

The EEPs are a system of customizable Best Practices including:

- Best Practice Documents
- Pre-Engineered Piping Classes
- Management System
- Website Delivery with Intuitive Tools, such as Snapshot to freeze versions of collections for a project, Material Take-Off Generator to align the piping classes with your purchasing system, and CAD Integration to automatically integrate the piping classes with your 3-D CAD systems

What differentiates the EEPs from other solutions is that the system, its delivery method, and all of its contents are fully customizable. Each organization is provided with their own branded and customized version of our most current base collection delivered through an access-controlled website. As part of the initial and on-going customization effort, we work with organizations to incorporate corporate preferences, corporate memory, and lessons-learned into their customized collection. Even after modifications are made to customize an organization’s collection, E²G’s team of industry experts will continue to maintain the customized collections for each organization to align with changing RAGAGEP.

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The ability to customize allows the EEPs to provide specific details that a generic set of Best Practices cannot, as they have to be generic enough to be used by a variety of industries. This level of detail is especially valuable for organizations in the Chemical, Specialty Chemical, and Nitrogen/Fertilizer Industries who have very specific concerns, processes, and materials that are not typically included in other Best Practices collections.

WHO IS USING THE EEPs?

The EEPs are currently being used by the following industries throughout the world:

- Asphalt
- Biofuels
- Chemical/Specialty Chemicals
- Midstream
- Nitrogen/Fertilizer
- Petrochemical
- Pipeline
- Refining

As the system is customizable, E²G can adapt it to work for any model with consideration to organizational size, structure (single vs. multi-site), multi-industry, and expected level of involvement (passive vs. active).

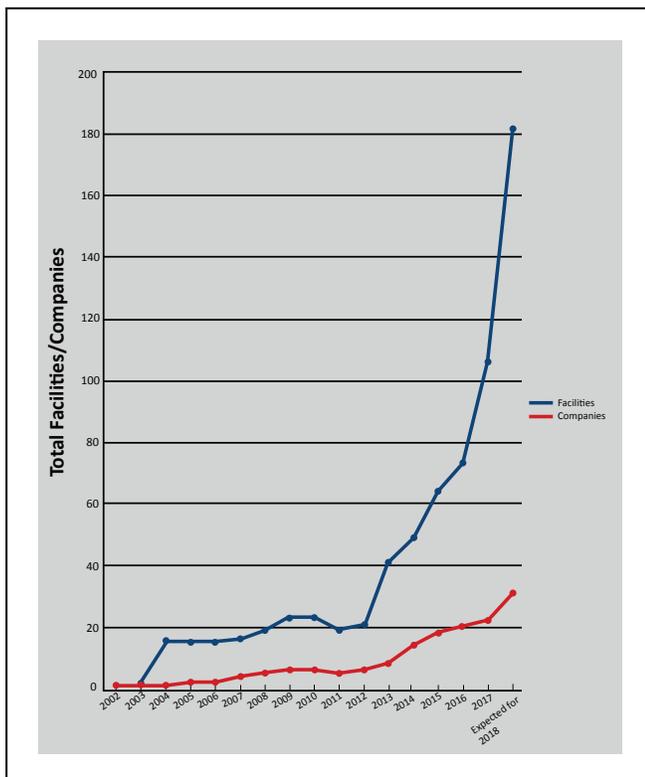


Figure 1 - EEPs subscription history.

WHAT ARE THE BENEFITS?

By developing a common collection of Corporate Best Practices, organizations are essentially creating a Central Operational Excellence Platform to:

- Promote compliance and safety and improve reliability
- Capture and transfer knowledge
- Develop and document cost-effective and right-sized solutions

Additionally, as an EEP user, organizations become part of the EEP Knowledge-Sharing Community and thus benefit both directly and indirectly from the experience and lessons-learned of other EEP users. This is just one of the many reasons why the EEPs are both a cost-effective and improved solution compared to attempting to maintain an internal Best Practices collection alone.

CLOSING

Each industry, and more specifically, each organization, has unique and particular needs. Generic Best Practices may provide a partial solution, but a partial solution is an unfinished solution that leaves room for error, confusion, and inefficiencies. The EEPs offer a valuable and cost-effective alternative to striving to maintain a collection of Best Practices internally, which can be challenging and expensive to both develop and maintain. As we rapidly grow to become the leading global Best Practices solution, we hope you consider further exploring how the EEPs can help your organization successfully solve the Best Practices challenge to ensure compliance, improve reliability, capture knowledge, and develop cost-effective and right-sized solutions.



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24
COMPANIES

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FACILITIES CURRENTLY
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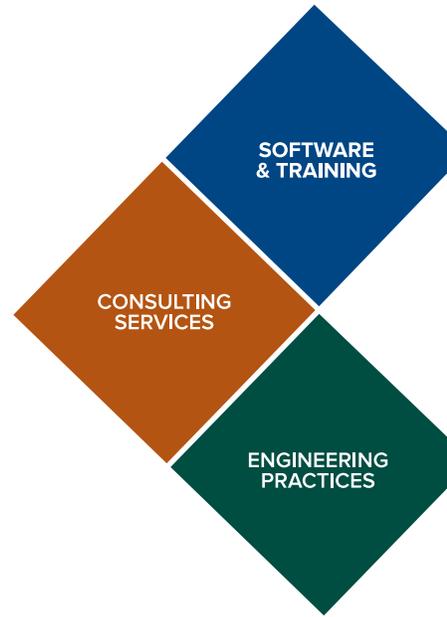
13
COUNTRIES

97%

AVERAGE CUSTOMER
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⁽¹⁾As of 11.30.17

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